

Lexington, Ky., Aug 12th 1884.

M Ky. State College

To S. F. Wilson, Dr.

Book and Job Printer,

35 W. Short St.

July	16	3000 Circulars
"	24	500 Envelopes

925-
175-
<u>\$11.00</u>

—STATEMENT—

Lexington, Ky. _____ 188

Prof. J. K. Patterson.

In Account with *J. E. Calvert*

Dealer in Watches, Diamonds, Jewellery

SOLID SILVER AND PLATED WARE.

1884

Aug 1	2 pair Sleeve Buttons	160	
Dec 24	Plated Ware	45 00	
85 June 2	2 Medals	20 00	
July 18	By Cash		10 00
21	By Cash		50 00
86 June 1	1 Medal	76 60	10 00
30	Balance		16 60

Received Payment
July 8/86 *J. E. Calvert*

47-M-64

Prof. J. K. Patterson

The In-Bred Signal Bull

CADET OF CANAAN 7177.

CADET OF CANAAN 7177

Master Vermont 4304	Compo Boy 2830	Signal 1170.	
	full brother to Croton Maid 21 lbs. 11 oz.	Lucilla Imp. 2735.	
	Miss Vermont, Imp. 16 lbs. 5 oz.		
2d Hilda A. 11120	Wanderer 3014	Signal 1170.	
	Hilda A. 3051. full sister in blood to Hilda D., rec. 18 lbs. 5 oz.	Cozette 3874	Grand Duke Alexis 1040. Daisy Front 1445.
		16 lbs.	

Cadet of Canaan 7177 is solid colored, full black points, rich skin and horn, and a fine representative of the splendid Signal family. Signal has no equal as the sire of butter cows. Every daughter was a superior cow while 67 per cent. of his daughters average 17 lbs. 3 oz. His grand daughters are now showing his blood is transmitted to future generations. Cadet of Canaan has as many cows in his blood lines with records from 14 lbs. to 25 lbs. as any we can now recall. Signaldo 7323, full brother in blood, (both by Master Vermont and out of cows by Wanderer) is standing at Mr. G. W. Farlee's, Trenton, N. J., at \$250. Cadet of Canaan 7177 will serve cows at Dr. J. T. McMillan's place, in the suburbs of Paris, at the low price of \$25.

Dr. J. T. McMILLAN & CO.

Paris, Ky., Aug. 1st, 1884.

—STATEMENT.—

Lexington, Ky. _____ 188

Prof. J. K. Patterson.

In Account with *J. E. Calvert*

Dealer in Watches, Diamonds, Jewelry,
SOLID SILVER AND PLATED WARE.

1884

Aug 1	2 Pair Silver Buttons	160	
Dec 24	Plated Ware	4500	
85 June 2	2 Medals	2000	
July 18	By Cash		1000
21	By Cash		5000
	Balance		660

47-M-64

Prof. J. W. Patterson

Lexington, Ky. August 1st 1888 ✓

McJ K Patterson H M Cl.

To Lexington Ice Manf'g and Storage Company, Dr.

MANUFACTURERS OF ICE,

156 and 158 West Main Street, opp. Jefferson.

E. B. Smith, Printer.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
July	20	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	620	1/2	311

Received Payment for Company,

J. F. Dudley

WHITTINGTON KING.

ROBERT H. KING.

W. KING & SON.
GENERAL INSURANCE AGENCY.
NO. 7 CHEAPSIDE.

Lexington, Ky., Aug. 14 1884

Prof. F. W. Patterson:
City:

Dear Sir:

Please send us check for \$9.60
amount of premium on pol. #2195166. Liverpool & London
& Globe on Liberty & Commerce (sent for July 5th)
and greatly oblige

Yours truly
W. King & Son

—OFFICE OF—

ASA McCONATHY.

Commission Merchant.

DEALER IN WOOL, WHEAT, BARLEY, POTATOES, &C.

Office in Gazette Building. Cheapside.

Lexington, Ky, Aug 1 1884

The A & W Colledge
To W. McConathy Dr -
To. Hire of Reaper 800

—OFFICE OF—
ASA McCONATHY,
Commission Merchant.

DEALER IN WOOL, WHEAT, BARLEY, POTATOES, &c.

Office in Gazette Building. Cheapside.

Lexington, Ky, Aug. 8th 1884

The A. M. College
of Ky
To Asa McConathy Dr.
To use of Reaper. \$00

47-M-64

A. W. Cullady
Di.
A. M. Cunnally

W. S. RULE,
TREASURER,

Office Lumber Yard, Cor. Barr and Limestone.

Lexington, Ky., Aug 8th 1884

Mr Prof J K Patterson

To The First Presbyterian Church Dr.

To Subscription from May 12¹⁸⁸³ to May 12¹⁸⁸⁴ \$16.00

Received Payment,

W S Rule Treasurer.

Subscription Due Quarterly in Advance.

NIGHT MESSAGE.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of **Unrepeated Night Messages**, sent at reduced rates, beyond a sum equal to ten times the amount paid for transmission; nor in any case where the claim is not presented in writing within thirty days after sending the message.

This is an **UNREPEATED NIGHT MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

W. ORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
20	B	H	1000 NP

Received at

LEXINGTON, KY.

146a

Aug 16

1884.

Dated

Walla Walla WA 15

To

West Jax K Patterson

Tex

Do not take further action
until you receive my letter

J M Sivigert

STATEMENT.

Lexington, Ky., *Aug 21* 188*8*
M *Dr J K Patterson*
In Account with Payne & Kinnear,
GROCERS.

CORNER MARKET AND SHORT STREETS.

apx to July 1st \$7 00

Please remit amount of above statement, and oblige

Yours Truly,

Payne & Kinnear.

TERMS.

All advertisements, except for established business houses, with whom we have running accounts, must be paid for in advance. All bills due on the first insertion of advertisement. Accounts with regular advertisers payable monthly unless otherwise agreed upon.

Office of the **CHRISTIAN OBSERVER.**

Louisville, Ky. Sept. 1, 1884

Agricultural & Mechanical College
To CONVERSE & CO., Dr.

To ADVERTISING in the CHRISTIAN OBSERVER,

COURIER-JOURNAL BUILDING, 2D FLOOR, COR. 4TH AND GREEN.

Date of First Insertion.

ADVERTISEMENT.

July 9 Card of College
 2 inches 8 times

~~14~~ 30



THE KENTUCKY DEMOCRAT.

T. D. MARCUM, Editor and Proprietor.

Catlettsburg, Ky., 9/1, 1884.

Prof. J. K. Patterson,
at the college,
Lexington Ky.

Dear Sir,

I write you in regard to terms, tuition
and board at your college. Also
when school begins. Think I can send
you three or four students. Give
me the best terms you possibly
can. An early answer solicited.
Respectfully, &c.,

T. D. Marcum.

No. 960

American Library and Literary Agency,

4, Trafalgar Square, Charing Cross,

London, Sept 1 1884

Received of Professor J. K. Patterson
the sum of Five Pounds
for *6 Cin a/c*
£5 ——— for B. F. Stevens *W. Thompson*

STATE COLLEGE OF KENTUCKY.

Fifteen Professors and Instructors.

Agricultural and Mechanical, Scientific,
Engineering, Classical, Normal
School and Commercial
Course of Study.

County Appointees Received Free of Charge.

Fall term begins Sept. 10, 1884. For catalogue
and other information, address
JAMES K. PATTERSON, Ph. D.,
aug. 9 to sept. 10 Lexington, Ky.



OFFICIAL ORGAN, STATE OF KENTUCKY.

Frankfort, Sept. 1st 1884

Ky. A. & M. College

Lexington

To THE CAPITAL, Dr.

1884

Aug 9 To 1 mch 1 mo

25

OFFICIAL ORGAN, STATE OF KENTUCKY.

Frankfort, Sept. 1^o 1884

Key. A. ^{and} M. College

Lexington

To THE CAPITAL, Dr.



1852

Aug 9 To 1 mch 1 mo

25

460

Bought at

G. D. WILGUS.

—DEALER IN—

Feed, Coal, Lime, Cement and Sand.

Manufacturer of All Kinds of Building Brick,
No. 80 Limestone Street.

1884
Jan 1

		No. 80 Limestone Street.	
Jan 19	To 16 Fire Brick	@ 05	80
"	4 Buckets Mortar		1 00
"	Mason & Tender		2 50
Mch 12	" 24 Fire-brick		1 20
"	2 Buckets Mortar		1 20
"	1/2 day Mason & Tender		3 00
19	" 1 Brl. Cement		1 60
"	13 Bns. Sand	@ 12 1/2	1 63

1293

Lexington, Ky.

Sept 1st, 1884

To Lexington Ice Manf'g and Storage Company, D^r.

MANUFACTURERS OF ICE,

156 and 158 West Main Street, opp. Jefferson.

E. B. Smith, Printer

E. B. Smith, Printer.																																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Aug 20	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	620	50	3	10
Received Payment for Company,																																			

Received Payment for Company,



4, Trafalgar Square,
London *Sept 2nd 1884*
W.B.

B. F. Stevens,

Prof J. K. Patterson.

Order

Aug 20th

1 History of the Mongols, by Howarth.

3 vols.

3/10/.

213

1 Tourists Guide to the Channel Islands.

16

10% Commission 2.14.6

56

Book & Invoice Postage.

42

L

342

47-M-64

3/11

Book 11

47-M-64



B. F. Stevens,
4, Trafalgar Square,
London W.C.
19th Sep 1884

Prof J. H. Patterson
State College of Kentucky
Lexington
Kentucky

Dear Sir

I have the pleasure
to acknowledge your
letter of Aug 28th with
remittance of £5. 0. 0
which I have placed
to your credit & for
which I enclose a re-
ceipt with best thanks.

There are no parts
published yet of Willis-
Bund State Trials since

Part 2 of Vol 2 which you
have, but I will send
you the remainder as
they are issued.

I also have the pleasure
to enclose an invoice
£3. 4. 2 for the other
two books ordered by
you which I am send-
ing by mail & trust will
reach you safely.

Awaiting the favour of
your further orders & always
at your service.

Yours faithfully
B. J. Stevens
1809

488 Lexington Ky., 188

Mr. Prof. J. H. Patterson for A. M. College,

BOUGHT
OF

John T. Miller,

—DEALER IN—

Grates, Mantels, Building Hardware, Tools,

Bar Iron and Steel, Table and Pocket Cutlery,

1884

MAIN STREET, BETWEEN MILL AND BROADWAY.

Sept 4 7* 20^d Nails 30 - 12* 8^d Nails 60 95

Recd payment by order on
Rott. S. Bullock & Co.

Aug 15 1885

John T. Miller

47-M-64

Prof. A. M. Patterson

Lexington, Ky., Sep 5 1884

A and M College

To G R Clark

Dr

to Plastering thirty one yards
of blackboard at 40 cts per yard \$12.40

Rec pay G R Clark

Correct.
J. L. White

4. Com. met Sep. 6 1884
Present

W.B. Kirtland

R. J. Sprun

P. P. Johnston

W.B. Kirtland	Insurance	16
Farmers Home Journal		24
Christian Observer		14.30
Asa McConarty		8
Trans. P. Co		13
Heston	Printing	
Spotts Woods Sons		98.40
Chas. R. Clarke		12.40
Hector Hillmeyer		33.90
Brookings		23.25
Worcester & Gilchrist		48.00

Ordered that Mrs Ryland and Dr Ryland be
advised as far as practicable visit at the tables
with the students.

Dr Sprun & St. Patten appointed a Committee
to build an ice house on the College ground
near the dormitory.

St. Patten
Dr Sprun & Prof Johnston appointed a Committee
to attend to the improvement of the roads.
Ordered that Miss Bessie Ryland be allowed
to board in the dormitory by paying the same
rate as the students.

DICTATED.

Chess Carley Company,
LOUISVILLE.

Sept. 6, 1884.

Mr. James K. Patterson, President,

Lexington, Ky.

Dear Sir:- We will deliver you 86 Gasoline in ten-barrel lots
at 18,1-2 cents a gallon. This is the best we can do for Lexington
delivery.

Yours truly,

Chess Carley Company,

By

Howard Page

Lexington, Ky.,

Feb 10 1884

M. J. Patterson

Bought of WM. R. SNYDER, JR.

6 Bus Sand 10		60

47-M-44

813



with letter Sep 15, 1889

4, Trafalgar Square.
London, Sep 10 1889
W.C.

B. F. Stevens,

Prof J K Patterson

order

Aug 24/89 Series of maps from Rapin
& Tindal's Atlas of England 10/-
Vol. 1 of 1720
10% Commission

9 -
11

£ - 9 11

GEO. D. STINEBAUGH,
(County Clerk of Franklin Co., Ks., from 1868 to 1880.)

a G Barnett
att'y at l

STINEBAUGH & BARNETT,
REAL ESTATE BROKERS

Especial attention to making Investments for Non-Residents.

✦ CORRESPONDENCE SOLICITED. ✦

Ottawa, Franklin Co., Kans. Sept 15th 1884

William H. Patterson,
Dear Sir,

We are offered \$1500.
for four 120 acres in S.E. 1/4 of Sec 14
Town 18 Range 20 in this County
73 Cash balance Apr 1st 1883. 8%
interest on deferred payment shall
we sell? Please let us hear from you.
This in our opinion is a good round
price for the land.

Very Resp Yours

Stinebaugh & Barnett

Sept. 15, 1884

J. P. MACFARLAND,

Cut Rate Ticket Office,

No. 638 WEST MAIN STREET,

Under
Louisville Hotel.

LOUISVILLE, KY.

RAIL ROAD TICKETS, BOUGHT AND SOLD.

[Sep. 15, 1884]

J. P. MACFARLAND,
CUT RATE TICKET OFFICE,
638 W. MAIN STREET,
LOUISVILLE, KY.

Under
Louisville Hotel.

RAIL ROAD TICKETS, BOUGHT AND SOLD.

JNO. O. HODGES, Jr.,
Editor and Publisher

Lexington, N.y., Sept 15 1884

Mc State College

To LEXINGTON OBSERVER, Dr.

1883				
Aug	12	To Opening Pub't Term T.d		5.00
1884				
Aug	9	To Adm Opening Pub't Term T.d		5.00
				<u>\$10.00</u>

OFFICE OF THE

—*CHRISTIAN OBSERVER,*—

CONVERSE & CO., Publishers,

REV. F. BARTLETT CONVERSE, } Editors.
REV. THOMAS E. CONVERSE, }

Louisville, Ky. Sept 16 1884

Jas K. Patterson,
Dear Sir,

Accept our
thanks for your favor of Sept.
15th enclosing \$14.50 which
pays for publishing the card
of College as per bill rendered

Yours Very Truly
Converse & Co
P



I with letter Sep 15, 1884

4, Trafalgar Square,
London, Sept 17 1884

W.C.

B. F. Stevens,

Prof. J. K. Patterson

Freight to New York Shipping
Expenses, Insurance, Portion
of consular Invoice Fee &c. on
package ~~and~~ to Messrs
Tice & Lynch

£ - 10

Lexington, Ky., Sept 17 1884.

M. Pres J. K. Patterson

To S. F. Wilson, Dr.

Book and Job Printer.

35 West Short Street.

July	16	3000 Circulars	9 25
"	24	500 Envelopes	1 75
Aug	6	1 Box "	1 00
"	14	200 Certificates	3 50
			<u>\$ 15 50</u>

IN COMMUNICATING by mail, or in sending money by express, be particular to address,—John Duncan, Editor and Publisher, Louisville, Kentucky.

THE SUBSCRIPTION PRICE of this MONTHLY is TWO DOLLARS AND TEN CENTS per year, payable in advance—six months, ONE DOLLAR AND FIVE CENTS—three months, SEVENTY CENTS. The price to clubs of seven or more subscribers is \$1.40 for each yearly subscription—the terms to agents are identical with those obtaining in the case of clubs; agents are not authorized to take subscriptions at less than the regular rate.

ADVERTISING RATES.—Thirty-five cents per line for each insertion of small advertisements from those who use only occasionally the columns of this MAGAZINE; special terms to regular advertisers, as well as to those engaging, even for one occasion, a large amount of space.

THE PRESENT TITLE of this work was given by the editor with the issue for November, 1882, it having been published by him up to that date, from its inception, as the FARMER'S MAGAZINE.

OFFICE OF **DUNCAN'S MONTHLY**
Magazine of Live-stock,

FARMING, GARDENING, AND GENERAL INFORMATION.

Louisville, Kentucky, 17 Sept 1884

Dear Friend —

*Please to give me full
name & P.O. address of Mr. M^c Cubbin —
I mean the old gentleman. With
 kindest regards & best wishes I
 remain*

*Yours truly
John Duncan*

Edwin Alden & Bro.'s
 Newspaper Advertising Agency,
 N. W. COR. 5TH & VINE STREETS.

Cincinnati, *Sept 20* 1884.

Rev Jas. K. Patterson
Lexington Ky

To EDWIN ALDEN & BRO., Dr.

1884

June 19

For Advertising:

2 inches per contract in

HH Papers

\$ 285 00

Less adsk not inserted in 11 Papers 30

\$ 255 00

any Piece of Music (no matter where published) will be sent, postage paid, to any address, on receipt of marked price. Music sent by mail can on no account be exchanged. We are not responsible for money sent by mail.

Lexington, Ky., Sept 22 1884

To Prof James W. Patterson for Mr De Kooze
Bought of H. A. Schaeffer,

DEALER IN

MUSICAL INSTRUMENTS, STRINGS, SHEET MUSIC, MUSICAL MERCHANDISE,
No. 11 UPPER STREET, NORTON'S BLOCK.

TERMS CASH.

Blue-Grass-Clipper Print, Midway, Ky.

To 2 Buggles

\$4.50

Proprietors of the
"Alden Model Job Press"
AND
"Model Type Cabinets."

Dealers in Printing Materials. Special
Agents for Queen City Printing Inks.

Edwin Alden & Bro.'s
Newspaper Advertising Agency,

N. W. Cor. Fifth and Vine Streets

Dictated by..... *V. J.*

Cincinnati, *Sept. 25*, 1884.

Rev. Jas. K. Patterson,

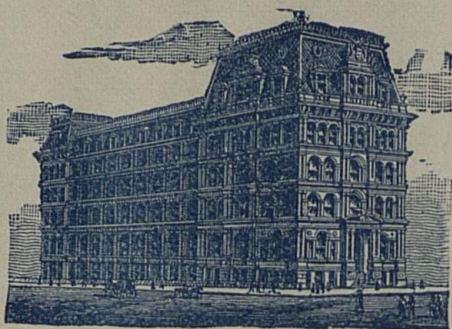
Lexington, Ky.

Dear Sir,

It is very rarely that we have to make such requests as this of our customers, but we have some very heavy payments to make this week, and have been disappointed in the collections upon which we were depending for means to meet them. Could you find it convenient to help us with the amount of your bill rendered, the service would be one that we should very gratefully appreciate.

Very truly,

Edwin Alden & Bro.



New York Life Insurance Co.

346 & 348 BROADWAY, NEW YORK.

Please return this Notice when you **PAY THIS PREMIUM**. Notify the Company of any change of address. Agents are not authorized to extend the time of payment. [See Policy.]

Mr. *James F. Patterson*

Lexington Ky

Sir: The Annual

Premium on **Policy No.** *164000*,

amounting to \$ *157.02* for insurance

on the life of yourself, will be due (provided

the Policy is then in force) on the *25*

day of *Sept* 1884.

Respectfully yours,

WILLIAM H. BEERS,

Vice-President.

Notices are sent purely as a matter of courtesy, and the Company will not be responsible for the omission to send them, nor for their miscarriage in the mails. [See Policy.]

*Please find Transfer at T
Fifth National Bank
N.Y. B. D. Carpenter
B. C. Howard
Genl Agent*

CHANGE OF PRICES.

New-York, September 27th, 1884.

“Pratt's Patent Prepared Gasolene.”

WE will now furnish consumers of Gasolene with this well-known brand at the following prices :

	Single Bbl.	10 Bbls. and over.
86° grav. . .	16 cents.	15 cents.
88° “ . .	18 “	17 “
90° “ . .	21 “	20 “

No charge for barrels or cartage.

EMPTY PACKAGES.—For such of the empty barrels as may be returned to us in good order we will allow customers \$1.25 each, delivered in New-York ; thus making the cost of the fluid itself actually $2\frac{1}{2}$ cents per gallon less than the prices named above.

A CHEAP LIGHT.—At these figures the best gas can be obtained at a cost varying from about 75 cents to a little over \$1.00 for light fully equal to 1000 feet of coal gas, or less than one-half the price usually charged for that article.

CAUTION.—Gas Machines are easy of operation as long as one important rule be observed, to use none but a pure and

47-M-64

uniform article of Gasolene. Fluid of inferior quality is often offered for sale that is positively injurious to Gas Machines, and consumers will save themselves much vexation and expense by buying their supply only from a reliable source. Good Gasolene cannot, like kerosene oil, be obtained from every dealer, or even from every manufacturer.

NOTICE.—Where consumers are unable to obtain our Gasolene at their present source of supply, if they will send their orders direct to us they will be served promptly and with strict attention to their wishes.

After an experience of more than fifteen years in the manufacture and sale of this article, during which time we have furnished fully four-fifths of the entire quantity consumed in this market, we thoroughly understand the requirements of customers, and respectfully solicit the patronage of those who desire strictly reliable goods.

Address all orders and correspondence to

PRATT MANUFACTURING CO.

Offices, 46 Broadway, New-York.

Refinery, North 12th Street, Brooklyn, E. D.

612

Lexington, Ky., Sep 30 1884

Prof J K Patterson

Bought of PAYNE & KINNEAR,
 DEALERS IN GROCERIES, PROVISIONS, &c.,
 Cor. Market and Short Streets.

1884

Aug 23 1 Bbl (30 lbs) Gr Sugar @ 7 1/2

22 57

Sep 12 67 * Coffee @ 16 1/2

11 05

26 Flour

3 25

36 87

47-M-69

Prof J K Patterson

[Sep. 15, 1884]

Leslie counrty, Dec. 7, 1884.. James B. Bowlin

.....I am very poor. My father was killed when I was only 3 days old leaving my mother with 3 children to care for. At the age of 10 I saw the importance of an education. I strove hard in the common school and received all the teachers were able to teach. I have taught a free school every fall for the past 6 years. Up to 1882 I had to help support my mother & have not saved much money. Mu school this fall will pay me \$125 of which I owe \$25. There will be due me \$100. I am willing to work hard at any kind of work. I do desire to get a good education. I have now given you my circumstances. just as they are. Can I start on \$20 and pay the other as I draw my money from the state? I want to to come the first Jan. 85, and continue the year. I will be attentative to my studies and cheerfully obey the rules, regulations of the College...

May 25, 1888

Cadet McMurtry

I am guilty of disobedience of orders. of a most serious and agravated nature in failing to appear at guard mounting on the 22nd (1888) just when ordered by the commandant. I acknowledge that I was wrong--and sincerely regret it--and feel that nothing short of an absolute dismissal from the college would be adequate punishment for such a grave offense-- but to save myself and family from the humiliation of a public dismissal I have ~~MAX~~ earnestly appealed to the Board of discipline to award me any punishment that they may deem proper and allow me to remain at college--

1895

Know all men by these presents, that James K. Patterson, Samuel Swigert, R. T. Roark, R. L. Weaver, J. J. Woods and J. D. Turner, have associated and become incorporated pursuant to chapter 32 of the General statutes of Ky.

The name of the corporation thus formed shall be the Home mess of Kentucky state college, and its principal place of transacting business shall be in Lex. Ky.

The purpose of said corporation shall be to provide table fare for the students to Ky. State college...

Proprietors of the
"Alden Model Job Press"
AND
"Model Type Cabinets."

Dealers in Printing Materials. Special
Agents for Queen City Printing Inks.

Edwin Alden & Bro.'s
Newspaper Advertising Agency,

N. W. Cor. Fifth and Vine Streets

Dictated by F. H. A.

Cincinnati, Oct. 1st, 1884.

James K. Patterson, Ph.D., Pres.,
State College of Kentucky,
Lexington, Ky.

Dear Sir;- We presume you have received ere this the statement of the insertions in the papers in our contract. We owe you an apology for not having sent this with the bill; the matter was overlooked by our Cashier, who had received previous instructions in reference to it, but had mislaid them.

We trust that you will find the account correct, and that you can favor us with a check, which just at this time would be very acceptable.

Very truly,

Edwin Alden & Bro.

LEXINGTON, KY.		Sept 1884		Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Lbs.	Price	Amount
To Mr. D. W. Patterson		Sept			50	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	630	1/2	3 15
To Lexington Ice Manufacturing & Storage Co. Dr.																																						
156 & 158 Main Street,																																						
LEXINGTON, KY.																																						

Any Piece of Music (no matter where published) will be sent, postage paid, to any address, on receipt of marked price.

Lexington, Ky., Oct 1st 1884
Mr Prof James H. Patterson
 **N. A. SCHAEFFER,**
DEALER IN

Pianos, Organs, Music and Music Merchandise,
TERMS CASH. No. 48 Main Street, Higgins' Block.

Music sent by Mail cannot be Exchanged.

Sept 22 To 2 Bugles (by Rudolf De Moede jr) \$4.50

ALL ACCOUNTS DUE AT THE END OF EVERY MONTH.

J. B. MORTON,
JNO. M. GREENWAY,
A. R. MILLIGAN.

Lexington, Ky. *Oct 22* 188*4*

or
Pro J. K. Patterson, for H. C. Marshall

Bought of J. B. MORTON & CO.,

— WHOLESALE AND RETAIL —

Booksellers, Stationers and Druggists,

NO. 27 EAST MAIN STREET.

1	Gauze 50 1 cloth 80 1 Scrap 1.00	290
	Paper 25 Sun 15. Ink 10 Pens 15	.55
	Slate 100 15. 1 Genl Pencil	10
1	Pen Holder	
		3.55
		1.10
		3.65

47-M-64

Popple Fields Teacher

Trace, Bryd w.

Tr.

White Amet, Black Orchard

- ✓ Powell, Mr.
- ✓ Hagen L.
- ✓ In La Ireland
- ✓ A. Campbell
- ✓ La. North Mallin
- ✓ In La. Calder
- ✓ In La. Savage
- ✓ P. Russell, Mayor
- ✓ L. L. L. L. L.

Henry Powell

Spencer
c/o W. S. S. S.

State College of
Kentucky.
President's Room.

Lexington, Ky., Oct 7 1884

J. T. Miller

Please send by train 40 lbs
8's and 20 lbs 10's, 10 lbs
4's and send bill to college

Jas R Patterson

Lexington, Ky. Oct 6th 1884
Mc Kentucky Agricultural & Mechanical College
To DAVID C. FROST, Jr.,

— WHOLESALE AND RETAIL DEALER IN —

COAL AND COKE.

80 AND 82 WEST MAIN STREET.

Transylvania Printing Co., Lexington, Ky.
Sept 29 268⁷⁰ Amel Barron Fork 10³/₄ \$ 28 90
Oct 6 414⁶/₁₀ " " " " 44 56
\$ 43 46

M. P. LANCASTER, *President.*
E. D. SAYRE, *Treasurer.*

GAS AND OIL CHANDELIERS,
HOSE,
BELTING,
PACKING,
ECLIPSE WIND MILLS,
SEWER and FLUE PIPE,
SPECIALTY,
Sanitary Plumbing.

J. H. DAVIDSON, *Gen. Manager.*
G. W. WILLIAMS, *Secretary.*

LEXINGTON, KY.

1884.

A & W College

To LEXINGTON PLUMBING CO.,

WATER, GAS AND STEAM SUPPLIES,

HAND AND POWER PUMPS.

19 E. SHORT STREET.

No Ledger Accounts are Opened--Payment for Work or Purchases, Due on Presentation of Bill.

Oct 7	3-5" P S Globes	50	150	
	1-5" Wire Holder		10	
	3 flat Smoke bells		150	
	for Miss Bessie Ryland			310

Lexington, Ky., Oct 7 1884
Wm Ky University, Prof Patterson
Bought of **JOHN T. MILLER,**

— DEALER IN —

**Grates, Mantels, Building Hardware, Tools,
Bar Iron and Steel, Table and Pocket Cutlery.**

MAIN STREET, BETWEEN MILL AND BROADWAY.

E. B. Smith, Printer and Binder, Lexington, Ky.

70 lbs nails apt	4	2.80		
------------------	---	------	--	--

Lexington, (Office,) Ky., Oct 8th 1884

Mc "A & M" College City

To **CHESS-CARLEY COMPANY, Dr.,**

LOUISVILLE, KY.,

**PRODUCERS AND REFINERS OF PETROLEUM,
DEALERS IN NAVAL STORES,**

Terms Cash

NO. 82 COX STREET.

W.A.M. No Exchange or Express Charges allowed. All Bills Drawn for at Maturity.

W. A. MORRISON, SPECIAL AGT.

50
2
3
10
1/2
1/2
2

10

Dr 86% Gasoline 515 Gals 19th 100.53

515^{1/2} Gals

47-M-64

$$\begin{array}{r} 318\frac{1}{2} \\ 18\frac{1}{2} \\ \hline 4120 \\ 1-129 \\ 25-17 \\ \hline 91582 \end{array}$$

Lexington, (Office,) Ky., Dec 8th 1884
M. A. & M. College City -
with letter Oct. 10, 1884

TO **CHESS-CARLEY COMPANY, Dr.,**

LOUISVILLE, KY.,

**PRODUCERS AND REFINERS OF PETROLEUM,
DEALERS IN NAVAL STORES,**

Terms.....

NO. 82 COX STREET.

No Exchange or Express Charges allowed. All Bills Drawn for at Maturity.

W. A. MORRISON, SPECIAL AGT.

Wau

50
52
57
57
53
37
52
52
57
52
575

10 Bards 86° Gasolene 515² Gal 18² / 95,38

Corrected Bill

Oct. 11, 1884

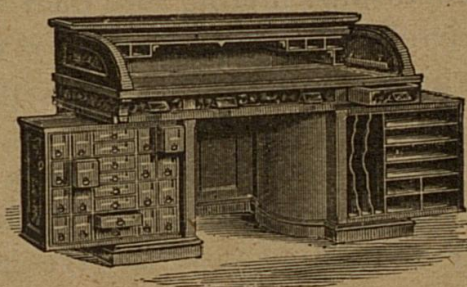
PRACTICAL SUGGESTIONS.

ECONOMY OF TIME in the pursuance of office labor has a special significance with all business men, professional and mercantile. TIME, with all such, represents MONEY in its broadest sense. A waste of even half an hour per day during a year of say three hundred working days (assuming eight hours as the average of a day's labor at the desk,) amounts to a loss of nearly TWENTY ENTIRE DAYS within that period. Many business men actually lose even more time than this in UNUTILIZED LABOR, at desks of ordinary construction during twelve months. In addition to this, an endless amount of fret and worry is experienced by hundreds, in the use of office desks, because of an unavoidable confusion of papers and memorandums, which latter can not be found when wanted, WITHOUT MUCH SEARCH and GREAT TAX OF PATIENCE. All this may be avoided in the use of one of our popular desks. These are so comprehensive in their character that the requirements of the most voluminous business are fully satisfied, and much of the fatigue and weariness of office labor is positively done away with, through the aid of the conveniences they afford.

HAYNES, SPENCER & CO., RICHMOND, IND., U. S. A.

[Oct. 11, 1889]

PRICE LIST.



WOOTON PATENT
OFFICE DESKS.

MANUFACTURED BY

J. J. SPENCER & CO.,

IND., U. S. A.

THE WOOTON DESKS are not presented to compete in *price* with those of ordinary construction. They are unlike anything else made in their line, and possess features of a *distinctive character* which greatly add to their intrinsic value and worth. Their various accommodations and conveniences are immeasurably superior to those of other desks, and these of course have their *specific value*, as well as the material and workmanship entering into their manufacture.

The progressive business man of *to-day* values as never heretofore those appliances which are time and labor saving. With this class "time is money," and it is to these we chiefly look for patronage, confidently claiming that in a *relative* sense the Wooton Desks are *incomparably cheaper* than any others in the market. We leave the argument in your hands, respectfully requesting you to give it due consideration when comparing our prices with those of other desks.

→CABINET OFFICE SECRETARIES.←

	No. 1.	No. 2.	No. 3.
STANDARD AND QUEEN ANNE,	\$135.00.	\$150.00.	\$165.00
EXTRA PATTERN,	200.00.	225.00.	250.00

	Trimmed with Berlin Bronze Hardware.	Trimmed with Full Bronze Hardware.
LADIES' SECRETARIES,	\$150.00.	\$175.00.

NET CASH DISCOUNTS FROM CATALOGUE PRICES.

25 per cent. from Standard and Queen Anne.

30 per cent. from Extra Pattern.

33½ per cent. from Ladies' Secretaries.

*No charge for casing on Standard and Queen Anne.

→ROTARY DESKS←

PLAIN PANELS—Without Veneers.

No. 5, \$37.50. No. 11, \$37.50.

EASTLAKE—Without Veneers.

No. 12, \$165.00. No. 13, \$180.00.

RAISED PANELS—Veneered.

No. 7A, \$135.00. No. 7B, \$175.00.

QUEEN ANNE—Veneered.

Nos.	6	8	9	10	14	210	211.
Prices.	\$90.00.	85.00.	120.00.	160.00.	120.00.	165.00.	60.00.

Prices the same for desks in either Cherry or Walnut.

EXTRA FINISH.

No. 5, \$57.50. No. 8, \$115.00. No. 10, \$225.00. No. 11, \$57.50.

Prices of Mahogany desks same as those of Extra finish.

DISCOUNTS FROM ROTARY DESKS.

25 per cent. from Standard and Queen Anne veneered.

30 per cent. from Extra Pattern and Nos.

33½ per cent. from Ladies' Secretaries.

47-11-64

WEIGHTS OF DESKS.

CABINET OFFICE SECRETARIES—CASED.

Nos.	1.	2.	3.
Lbs.	450.	500.	550.

ROTARY DESKS—CASED.

Nos.	5	6	7A	7B	8	9	10	11	12	13	14	210	211
Lbs.	225	350	600	650	325	350	450	225	450	475	400	450	250

We have freight contracts with leading railroads, and always secure best rates possible.
Goods packed in strong casing, by experienced packers. Our responsibility ceases with delivery to carriers.

For full details as to finish and trimmings of our desks, please refer to 1884 Catalogue, under respective cuts and Nos.

See page 27 of 1884 Catalogue, for directions to be observed in ordering desks. (This will save any misunderstandings.)

NOTE.—We reserve the *last rubbing* of our desks until shipping them, so as to send everything out in *prime order*. This slight delay (as we must take orders in turn) gives greater satisfaction than if we finished the desks when orders were received, in which case they would be worn. This is explained that our customers may understand.

[Oct. 14, 1884]

Educational Courant,
A MONTHLY
DEVOTED TO
Educational, Social and Literary
TOPICS
of the day.
Z. F. SMITH,
Editor in Chief.
ABNER J. SMITH,
Business Manager.

Louisville, Ky.,

188

Prof Jas. N. Patterson
State College of Kentucky
To **ABNER J. SMITH,**
MANAGER, *Lexington Ky*
EDUCATIONAL COURANT,

407 Fifth Street.

To advertising August & Sept

\$ 4.50.

A Monthly
Devoted to Educational,
Social and Literary Topics
of the day.

Z. F. SMITH,
Editor in Chief.

ABNER J. SMITH,
Business Manager.

(OFFICE OF)

EDUCATIONAL COURANT

No. 407 Fifth Avenue,

Louisville, Ky., *Oct 14* 1884.

Prof Jas. R. Patterson
State College of Kentucky
Lexington Ky
Dear Sir:

Enclosed find bill
for advertising, please remit
amount of \$4.50 & oblige

Respectfully

Abner J. Smith
Mangr. & Co.

Proprietors of the
"Alden Model Job Press"
AND
"Model Type Cabinets."

Dealers in Printing Materials. Special
Agents for Queen City Printing Inks.

Edwin Alden & Bro.'s
Newspaper Advertising Agency,

N. W. Cor. Fifth and Vine Streets

Dictated by V. J.

Cincinnati, Oct. 24, 1884.

Jas. K. Patterson, Esq.,
Lexington, Ky.

Dear Sir,

If you could, without inconvenience to yourself find it convenient to remit to us before Monday the amount of our bill rendered, \$255.00, we assure you that the receipt should go back with as sincere a thank you as we know how to write. We have a large payment maturing on that date, and collections have been dragging a little lately so that we are obliged to ask our friends for assistance.

Very truly,
Edwin Alden & Bro.

Proprietors of the
"Alden Model Job Press"
AND
"Model Type Cabinets."

Dealers in Printing Materials. Special
Agents for Queen City Printing Inks.

Edwin Alden & Bro.'s
Newspaper Advertising Agency,

N. W. Cor. Fifth and Vine Streets

Cincinnati, Oct. 28, 1884.

Dictated by V. J.

James K. Patterson, Pres.,
State College of Kentucky,
Lexington, Ky.

Dear Sir;- We are in receipt of yours of the 25th, and regret exceedingly the annoyance we have given you. The mistake arose from the similarity of names. One of these orders had been given to one department in our office, the other to a ~~another~~ department. The error was made in the transmission of the order for date sheets, which went both times to the wrong department, and the similarity of names caused its being overlooked, and hence going unrectified. We do not of course offer this in excuse, - we admit that the error was inexcusable; but you will perhaps find it easier to believe that our apology is sincere by having the explanation made. We are very sorry indeed that the matter occurred.

We inclose herewith the date sheet of your advertisement, and trust that you will be pleased with its appearance, and that the returns from the advertisement will be even more satisfactory.

Very truly,

Edwin Alden & Bro.

Inclosure-

Ky, Univ. Indenture between City of Lexington State
over donation of land.
Graduated wage scale - 64 to 104 under Ky, Univ.
Letters of interest.
Freeman, J. K.
Levy James

Military Science
"cavalry squad" - etc.

Annual Register - 1882 - "work compensation"
very few out of state students.

p 29-30-32. Expenses
1884 "arrest" p. 32 - Rules & Regulations

188

To Lexington Ice Manufacturing & Storage Co. Dr.

156 & 158 Main Street,

LEXINGTON, KY.

Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Lbs.	Price	Amount.
Oct	20	20	20	20	20	20	20	20	30	20	20	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	645	1/2	31.0

MONTHLY STATEMENT.

FOLIO 116

[Nov. 1 1884]

Lexington, Ky., 188

Mr J. K. Patterson

In Account with H. & L. LOEVENHART,
—DEALERS IN—

FINE CLOTHING, AND MEN'S FURNISHING GOODS,

1884

No. 3, EAST MAIN STREET.

June 18	To 1 Boys suit	10 00	
Aug 5	" 3 Shirts	3 75	
Sept 17	" 1 sum coat	4 25	
Nov 1	" 1 Gr pants	3 50	
		21 50	21 50

PLEASE REMIT.

Prof J. S. Patton

Coal

Lexington, Ky. Nov. 1st 1884.

A. E. M. College

Bought of SHELBY KINKEAD,

No. 51 North Broadway.

Aug	18	✓ 190 ⁰⁰	Shelby's Round	@ 10	9 02		
Sept	7	✓ 31 ¹²	" " "	@ 10	3 15		
Oct	13	✓ 24	Kentucky	@ 10	3 40		
	14	✓ 60 ²⁰	Shelby's Round	@ 10	6 09		
	15	✓ 31 ⁰⁸	" " "	@ 10	3 11		
	16	✓ 30 ⁰⁰	" " "	@ 10	3 13		
	19	✓ 29	" " Lump	@ 10	2 90		
	22	✓ 57 ⁵⁶	" " Round	@ 10	5 78		
	23	51 ⁶⁶	" " "	@ 10	21 29	57	77

TERMS CASH.

LEXINGTON, KY.,

Nov 1st

1884

M A & A College

To Kentucky Copper Works, Iron Foundry & Machine Shops

Crabs, Derricks,
Pulley Wheels,
Grate Bars,
Shaftings and
Castings
of all descriptions.

R. D. WILLIAMS, Proprietor.

All Kinds of Distillery and Mill Work a Specialty.

Engine Building, Repairing and Boiler Patching.

Copper Doublers,
Copper Stills,
Copper Worms,
Yeast Jugs,
Test Boxes,
Brass Pumps.

Transylvania Printing Co., Lex., Ky.

May 1st	Cast Chuck.		2.50
Oct 21	Pipe & box fitting for Munk		9.50
Nov 22	1. Brass Stop Co. 17	1.25	
	1. Water tank	5.00	
	Making steam pipe con-		
	nections contract	5.15	11.40
Feb 16	20 Grate Bars		
	60# each 12 00. .03 1/2¢		42.00
			65.40

Insurance.
LIFE.

ESTABLISHED 1833.
FIRE

J. W. COCHRAN.
N. P. COCHRAN.

Lexington, Ky. 1 Nov 1884

A & M College

J. W. COCHRAN & SON,

South East Corner Short and Upper Streets.

1884

Oct 27 In Renewal of Policy on the
Main College Building
for 3 years. from
24 Oct. 84 to 24 Oct 87
in the sum of \$5000.

\$ 7500



5807 4, Trafalgar Square,
London. Nov 3rd 1884
W.C.

J. H. Patterson Esq.

B. F. Stevens,

Proportion of Freight to New
York, Insurance, Consular Invoice
fee, & Shipping expenses on parcel
enclosed to Mr. J. H. Patterson Esq. £ 0 7 6

Edwin Alden & Bro's
Newspaper Advertising Agency,
N. W. Cor. 5th & Vine Sts.,
CINCINNATI, OHIO.

Cincinnati, Nov 8 1884

Received of J. K. Patterson Esq
Two Hundred and Fifty Five — Dollars,
for adv for his unders —
— Thanks —



Edwin Alden & Bro.
PER J. Long.

Proprietors of the
"Alden Model Job Press"
AND
"Model Type Cabinets."

Dealers in Printing Materials. Special
Agents for Queen City Printing Inks.

Edwin Alden & Bro.'s
Newspaper Advertising Agency,

N. W. Cor. Fifth and Vine Streets

Dictated by F. H. A.

Cincinnati, Nov. 8, 1884.

Jas. H. Patterson, Esq.,

Lexington, Ky.

Dear Sir,

We inclose you our Cashier's receipt for the order on the Treasurer received this morning, and thank you very kindly for the same. We regret exceedingly that the publishers did not send their papers to you during the continuance of the advertising, though we are still perfectly willing and would be only too happy to furnish you the copies from our files. It is very difficult for us to control the action of newspaper publishers, and unless we are certain that the advertiser is not getting the papers, we presume to the contrary.

We trust another year we may be able to manage the business more to your satisfaction than we have this.

Very truly,

Edwin Alden & Bro.

Lexington Ky Nov 14/84

A. & M. College
to W. J. Woodbridge
On acc of Miss Seavey
for contract with Mrs Patterson \$21.51

A. & M.

49-W-LH

Louisa Ky.

Nov 15th 1834

Mr President, A. & M.
College, I understand
you will school a
Student one year
for \$8 50⁰⁰ Eighty-
five dollars, if so please
let me know and also
let me know whether
you teach all branches
or not, or what
branches you do teach,
and all the terms of
tuition and boarding.

Respectfully

G. V. Chapman

Louisa Lawrence Co, Ky.

Richmond Ky 11/18/84
J. K. Patterson Pres M. O. B.
Lexington Ky

Dear Sir

I have
One thousand dollars for the ben-
efit of the Midway Orphan School
bequeathed by my Mother Mary A
Collins you will please send
receipt to Second National Bank
with directions how to send check
for same

Yours fraternally
J. K. Collins

Kentucky Military Institute.

(Six Miles South of Frankfort.)

FOUNDED IN 1845; CHARTERED IN 1847.

Robt. D. Allen, Col. and Sup't.

Farmdale, Ky., Nov 18 1884

State College Ky.

to Ky Education

Dr Ad-

\$250

New York, Nov 19th 1884

369
Mr Prof. J. K. Patterson (State College of Kentucky; Lexington Ky)

To TICE & LYNCH, Jr.

CUSTOM HOUSE BROKERS,
Commission and Forwarding Agents.

PASSPORTS PROCURED.

No. 34½ PINE STREET.

GEO. W. TICE.
FRANKLIN LYNCH.

One package
books

To Entry per L^o Umbria
" proportion of charges on parcel, out of
packed package \$8.66; for clearing at
Custom House, fees paid, cartage

\$ 1 00

bill of Oct 15/84 23

Amount due to date Nov 19/84 \$ 1 23

Forwarded Nov 18/84
by Adams Express Co

Note in Collateral Box

**Northern Bank of Kentucky,
LEXINGTON.**

Your Note will be due the 22nd day of
Nov^r 1884 viz:
Principal, \$ 2087.66
Interest, \$ 334.08
Total, \$ 2421.74

Mr. S. K. Patterson Pres
a & M College of Ky

OFFICE OF
DAVID A. SAYRE and CO.,
BANKERS.

MT. *James H. Patterson Sedy*

Your Note for \$ *1444.97*
232 mts *1681.97*

This is a m College note to F. Bush

Will be due at this office *Nov 22* 188*X*

Office of
Wardlaw & Ratliff,

Dry Goods,
Clothing,
Hats, Caps,
Boots, Shoes,
Groceries,
Queensware,
Farm Implements,
Plantation Supplies,
&c., &c.

General Merchandise.

Utica, Miss. Nov. 26, 1884

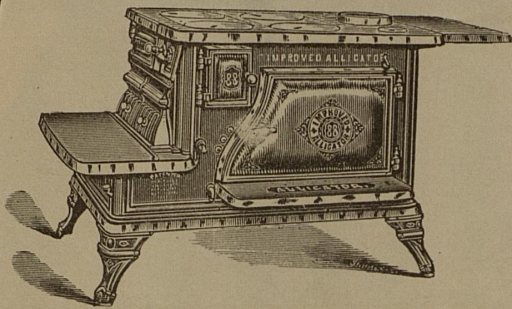
Pres. Jas. K. Patterson,
A. & M. College.
Lexington, Ky.

Dear Sir:—

I sent to you by Express \$60.00
to be used for John O. Holliday's
benefit. It was sent in A. P. Holliday's
name.

Another agent took
charge of the books the day the
money was to be forwarded, so a
delay was caused, and mistake
made in your address.

The money was forwarded on
the 18th inst. to J. K. Patterson instead
of to you. If it does not go all
right, let me know. Yours &c. Gen. F. Holliday.



Berlington, Ky., 1888
W. J. Houlihan & Bro.
BOUGHT OF W. J. HOULIHAN & BRO.,

Wholesale Jobbers and Retail Dealers in

Stoves, Tinware, Pumps, Grates, Mantels, Tubs,

Clothes Wringers, Brooms, Baskets, Toilet Ware, Wash Boards, Bird Cages, Moss Baskets, Castors, Tin Roofing, Guttering, Lightning Rods
 And all kinds of House Furnishing Goods. All Work Warranted.

JOB WORK DONE ON SHORT NOTICE AT THE GREAT WESTERN STOVE AND TIN STORE.

CHEAPEST HOUSE IN KENTUCKY.

26 WEST MAIN STREET.

Nov 28	To Blacking & fitting up stove	1-00	
"	3 1/2" Pipe ⁹⁰ / ₃₀ ft. Pipe tapering ⁴⁰ / ₃₀	1-30	
"	Elbow ⁵⁰ / ₁₀₀ flange	75	
"	1/2 sheet zinc ¹⁰⁰ / ₁₀₀ fitting up same	2-00	4-05

K.M.I. Farmdale, Ky. Nov. 27th 1884

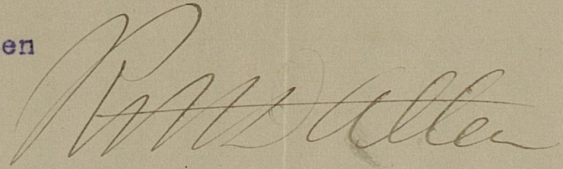
Presdt James K. Patterson,

Dear Sir:- Thanks for the P.O.O. for \$2.50 for Ad in the Education.

I trust that you will be at the Association.

Yours trul ,

R.D.Allen

A handwritten signature in cursive script, appearing to read "R.D. Allen", written in dark ink.

SCOTTISH-AMERICAN

JOURNAL.

An Excellent Family Paper.

PUBLISHED BY
A. M. STEWART,
At No. 33 Rose Street,
(NEAR FRANKFORT ST.)
(P. O. Box 3525.) NEW YORK.

TERMS:

Per Year, - - - \$3. 00
Six Months, - - - 1. 50

Remittances may be made by bank draft,
Post-Office order or registered letter. In case
of removal it is necessary to give the old as
well as the new address.

Nov. 29, 1884
Mr. George Bonneyman
Lexington Ky

To Scottish-American Journal, Dr.,

For *2 years* Subscription to the SCOTTISH-AMERICAN JOURNAL,
from No. *1296* to No. *1400*, inclusive, and Postage, \$ *6 00*

Received Payment,

A. M. Stewart
per Ross

Nov. 29, 1889



WORKS OF THOMAS JEFFERSON,

9 vols, 8°, Cloth \$27.00.
Half Calf or Half Morocco \$45.00.

But 30 sets of these celebrated historical and state papers now remain. The plates have been destroyed.

Vol. I. Letters during the Revolution, 1773-1783.
Contains Articles of Confederation as proposed and as adopted, with the discussions in brief.

II. Letters from Europe, 1784-1790.
Paris during the French Revolution.

III. Letters while Secretary of State, 1790-1793.
American commerce and neutrality laws.

IV-V. Letters during his Presidency, 1793-1811.
The Louisiana purchase and the North-west boundary questions.

VI. Letters from 1811-1816.
The war of 1812, and the National Bank Question.

VII. Letters from 1816-1826.
Views on federal relations, the interpretation of the Constitution, and study of common law.

VIII. Inaugural addresses, messages, etc.
Sketches of contemporaries.

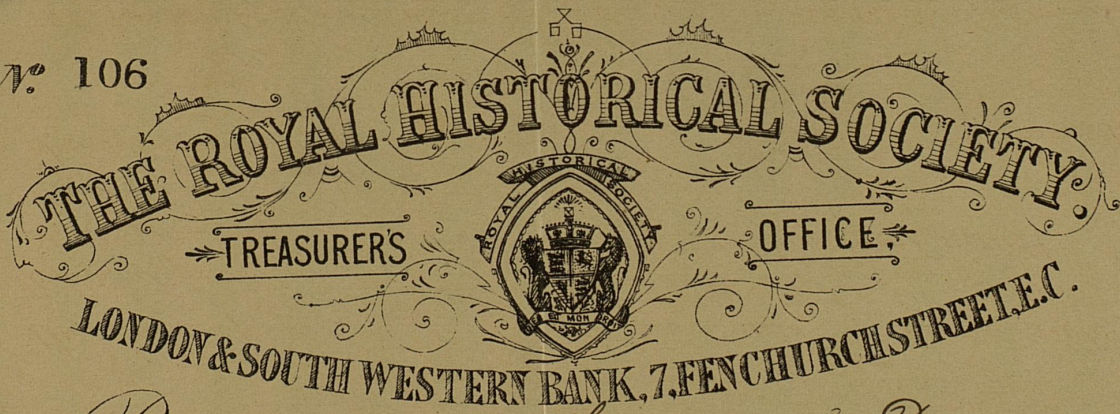
IX. Parliamentary Manual (unabridged with law authorities.) Miscellaneous papers.

The whole is rich in biographical sketches and the political views on all public questions of such men as, Adams, Burr, Franklin, Gallatin, Hamilton, Henry, Madison, Marshall, Monroe, Randolph and Washington.

To every American statesman and student of our institutions, this last opportunity to procure a set will commend itself.

TOWNSEND MAC COUN, 744 Broadway, New York.

N^o 106



Received this 5th day of Dec. 1884
from Professor J. K. Patterson Ph. D.

the sum of One Pound Three shillings as per note hereto.

Enhance fee	£	"	"	"
Subscription Life	£	"	"	"
Do for one year	£	1	3	—
Society's Transactions	£	"	"	"
	£	"	"	"

For the Council

TREASURER.

N.B. The Society's Session ends the 31st October and Subscriptions are payable in advance on the 1st of November in each year.

ROBERT CLARKE
RODERICK D. BARNEY.
JOHN W. DALE.
HOWARD BARNEY.
ALEXANDER HILL.

ROBERT CLARKE & Co

PUBLISHERS, BOOKSELLERS,

STATIONERS, IMPORTERS.

PRINTERS & BINDERS.

CINCINNATI:

61.63 & 65 WEST FOURTH ST

LONDON OFFICE:

7. STATIONERS HALL COURT.

CINCINNATI,

Dec 2d 1884

Prof. Jas. K. Patterson
State College of Ky.
Lexington Ky.

Dear Sir.

Your favor of 1st is at hand,
We shall be pleased to supply you with
Von Ranke's Universal Hist. - The Oldest Group
of Nations & The Greeks 12v 8th 2⁵⁰ net \$1.88
Labbert's Historical Atlas 7th Ed 1884 .. 1.35

Very truly,

Robt Clarke & Co.

47-M-64



B. F. Stevens,
4, Trafalgar Square,
London, Dec. 3rd 1884
W.C.

Prof. Jas. K. Patterson
Lexington
Kentucky

Dear Sir

I have the pleasure to enclose
invoice amounting to £2-18-6 for
subscriptions ordered by you Nov. 14th
which I trust you will find correct.
Always at your service

Yours faithfully

B. F. Stevens
BFS



4, Trafalgar Square.
London, Dec. 3rd 1884
W.C.

B. F. Stevens,
Prof. J. K. Patterson

English Illus. Mag. & Almanac	Oct 84 to Dec 85 per	10 8
Sunday Mag.	1885 & postage to self	8 8
Public Opinion	do do	13 2
Sunday Mag.	do to Miss Moore	8 8
do	do to Mr. Hoque	8 8
do	do to Mrs. Kennedy	8 8
		<u>£ 2 18 6</u>

Office of J. S. DAUGHERTY,
GENERAL LAND AGENT,

SOLICITS CORRESPONDENCE WITH PARTIES WISHING TO BUY, SELL OR SPECULATE IN TEXAS LANDS. FURNISHES COMPLETE
ABSTRACTS OF TITLES OF DALLAS CITY AND COUNTY PROPERTY.

Examines and perfects titles to lands,
Pays Taxes on Lands in any
part of the State.

701 MAIN STREET.

Makes investments of Texas & Pacific
Land Grant Bonds, in Lands
of that Company.

Dictated to Stenographer.

Dallas, Texas.

DECEMBER 4TH, 1884

No. 2583.

PRES. JAMES K. PATTERSON,
LEXINGTON KY.

DEAR SIR: YOUR LETTER OF THE 1ST, INST., INCLOSING TAX RECEIPTS FOR
1882 AND 1883 ON THE MACKELLAR LAND HAS BEEN RECEIVED, FOR WHICH ACCEPT MY
THANKS. I COULD PROCURE A CERTIFIED COPY OF THE PATENT FROM THE LAND
OFFICE AND CLOSE THE TRADE, BUT I ALWAYS PREFER TO HAVE THE ORIGINAL
PAPERS WHEN THEY CAN BE HAD; AND I SUPPOSE MR. MACKELLAR WILL FORWARD THE
PATENT TO YOU, AS HE CERTAINLY MUST HAVE IT, SINCE YOU AND I ARE UNABLE
TO FIND IT AMONG OUR PAPERS. I WILL BE PLEASED TO HEAR FROM YOUR BROTHER
ON HIS RETURN. WE HAVE HAD NO WINTER HERE YET, AND DID NOT
HAVE ANY FROST UNTIL THE NIGHT OF THE 18TH OF NOVEMBER, AND IT WAS A
VERY LIGHT ONE, AND IT SEEMS TO ME TO DAY IS MORE LIKE AN APRIL DAY THAN
DECEMBER.

Yours respectfully,
J. S. Daugherty

Adam Gray & Co.
General Insurance Agents,

69 West Fourth St. Pike's Building

Cincinnati, Dec 4th 1884

J R Patterson Esq
Dear Sir

Enclosed please
find \$30 for Harrie. I would have
sent it sooner but I have been
away for some time, when you want
any thing for Harrie please tell him
to write. I am away from home
the most of the time. I leave this
evening for Davenport Iowa will
be away about three weeks

Respect Yours

C J Marshall

47-M-64

Abney
Cheadle

Manchester
England
8 Dec. 1884

Dear Professor Patterson
I duly recd.
Your letter of the 22^d.
with enclosure. I
sent at once £1. 3
to each of the three
Societies as you stated.
Mr. Daugherty
has done very well

in selling my Crosby
Section. The two
Sections which he
offers me in the Eastern
portion of Hales Co.
I will only take
one, & I have written
Mr. Daugherty to
that effect. And I
am very well placed
that you are going
to take the other.

Politically we are very
quiet in England just now.
We are going on much
as usual at Abney.

The last time we heard
from James, my brother,
he was doing very well
in Peterborough, King's
having plenty of work.

The gold mining interest
seems to be paramount

here just now.

With very kind regards
to Mrs. Patterson, William
& yourself I am Yours truly

Edw. MacKillop.

P. S.

I enclose with this
two of the receipts as you
will see, the other has
not come but no doubt
the amount was safely
received.

I have sent to Mr.
Dangherby the original
Deed of the Crosby Rectory

The Tax-receipts I sent
him before. Last year
did not reach me, but I
paid the amount to your
order in London.

N^o 162

with letter Dec 8, 1884

Dec 5 1884

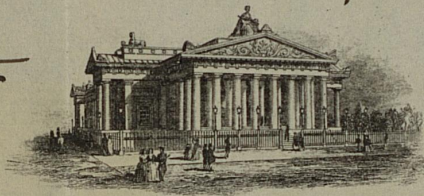
Received from W. R. Patterson by L. D. &
the sum of One Pounds
three shillings and — pence,
for subscription to (Har. Hist. Soc. to Oct. 1885)
£ 1. 3/—

Edmund Goldsmith
Hon. Sec.

Subscription £ 1-1-6
 Bank Charge - - 6
 Parcel Post, for
 Proceedings Vol IV & V 1-6
 £ 1-3-

N^o 339

Proceedings Vol IV & V sent through B.F. Stevens
 agent Trafalgar Square
 London



EDINBURGH

Dec 5th 1884

with letter Dec. 8, 1884

Society of Antiquaries of Scotland

Received from James M. Patterson Esq M.A.
 One Guinea, as the Annual Contribution for the current year beginning
 30th November 1884, ending 30th November 1885, payable by every Ordinary Member
 of the Society of Antiquaries of Scotland.

.. The Fellows of the Society are reminded that the Annual Subscription
 of ONE GUINEA was due in advance on the 30th of November 1884, and is
 now payable to THE TREASURER OF THE SOCIETY, through the Assistant-
 Secretary, J. ANDERSON, LL.D., at the Museum, Royal Institution.

Wm. Goudie

Treasurer.

No.

Office of the County Treasurer of Franklin County, Kansas.

OTTAWA.

1884.

RECEIVED OF

in full semi-annual payment of Taxes for the Year **1884**, on the following described Property situated in Franklin County, Kansas, viz:

DESCRIPTION.	Sec.	Tp.	Rng.	Acres	Valuation.	Rebate.	Penalty	TOTAL TAX
NW 1/4	7	19	20	135	600.00	50		2022
SW 1/4	7	19	20	136	612.00	51		2059
Duplicate								
PERSONAL PROPERTY,								
TOTALS,						101		40.81

Penalty to be added, or Rebate deducted,

Treasurer.

Amount Paid,

3980

47-M-64

RATE OF TAX

ON EACH \$100 VALUATION—1884.

State Tax	\$.44.8
County Tax	1.00
Railroad Interest Tax	.32.7
Cole Judgment	.02.5
	<u>\$1.80.</u>

TOWNSHIP TAXES.

Appanoose ... 30	Lincoln 40
Centropolis... 25	Ottawa..... 35
Cutler 35	Osage 40
Franklin..... 20	Peoria..... 60
Greenwood ... 30	Potawatonic. 40
Harrison..... 40	Richmond.... 30
Hayes..... 30	Williamsburg 30

SCHOOL BOND TAXES.

NO.	NO.	NO.
1.... 15	42 ... 40	76 ... 10
2.... 30	43 ... 25	79 ... 100
12 ... 90	52 ... 50	82 ... 80
14.... 45	53 ... 15	85 ... 40
20 ... 100	57 ... 15	86 ... 110
36 ... 70	64 ... 50	87 ... 15
40 ... 25	69 ... 25	90 ... 50
		91 ... 30

ROAD TAX on all property except the City of Ottawa, valuation of 1884, 30 cts.

SCHOOL DISTRICT TAXES.

NO.	NO.	NO.
1 ... 1.00	32 ... 1.00	63 ... 1.40
2 ... 80	33 ... 1.00	64 ... 50
3 ... 1.40	34 ... 80	65 ... 1.25
4 ... 80	35 ... 90	66 ... 1.00
5 ... 1.50	36 ... 40	67 ... 1.00
6 ... 1.20	37 ... 60	68 ... 1.00
7 ... 1.00	38 ... 70	69 ... 2.00
8 ... 80	39 ... 70	70 ... 1.75
9 ... 50	40 ... 1.25	71 ... 75
10 ... 1.12	41 ... 1.20	72 ... 1.00
11 ... 75	42 ... 70	73 ... 1.00
12 ... 1.10	43 ... 1.25	74 ... 1.00
13 ... 1.50	44 ... 85	75 ... 1.25
14 ... 2.00	45 ... 1.50	76 ... 1.25
15 ... 1.10	46 ... 70	77 ... 1.40
16 ... 70	47 ... 1.50	78 ... 1.40
17 ... 80	48 ... 1.25	79 ... 82
18 ... 1.25	49 ... 75	80 ... 80
19 ... 80	50 ... 1.00	81 ... 1.00
20 ... 1.00	51 ... 1.20	82 ... 1.75
21 ... 70	52 ... 75	83 ... 1.25
22 ... 1.70	53 ... 1.00	84 ... 50
23 ... 80	54 ... 70	85 ... 1.00
24 ... 60	55 ... 1.00	86 ... 1.25
25 ... 50	56 ... 1.00	87 ... 1.20
26 ... 70	57 ... 1.30	88 ... 50
27 ... 1.00	58 ... 1.00	89 ... 2.00
28 ... 1.30	59 ... 1.00	90 ... 1.25
29 ... 70	60 ... 60	91 ... 60
30 ... 1.32	61 ... 50	92 ... 1.00
31 ... 1.00	62 ... 50	93 ... 2.00

Joint School District Taxes.

46 ... 30	83 ... 1.25	86 ... 40
	85 ... 2.05	

Hazel Green Kentucky
Dec. 15 - 1884,

Dear Friend:

I desire to turn the money I have in bank into a first mortgage on some very desirable real property, but to get the mortgage will require a larger amount than I have by me at this time; hence I have concluded to place the enclosed bank stock in the Second National Bank as collateral security for two hundred and seventy five dollars (\$275). I wrote to the bank some time ago, and they said they would accommodate me, I also wrote them that you would transact the business for me. The least number of shares that I have in my individual name, is six, and for this

reason, I send you three shares in my wife's name. If I new the form of note they required in such cases, I would send it to you, but as I do not, I will ask you to make it for me, or have them to draw it and send it to me for signing. I want it to bear date Jan. 1st, for three months, with the privilege of extending it to six. If it be necessary to sign my wife's name - as the stock is in her name - you are authorized to sign it. I desire to check on the bank for the amount named. Be so kind as to attend to the matter at once as I ~~should~~ send the checks to Barboursville ~~by the 1st of Jan.~~ Please file the enclosed orders with the Second National Bank. If I have dated them before dividend day, be so kind as to change it.

No news that would interest you. My school is doing quite well, but I shall not teach here

longer than this year, unless they build me a better house, so I would like for you to think of some favorable place. Remember me kindly to Willie and family.

Respectfully

N. W. Hays.

OFFICE OF
JARVIS, CONKLIN & Co.

KANSAS CITY, MO. *Dec. 16* 1884

YOUR FAVOR OF THE _____ RECEIVED WITH ENCLOSURE

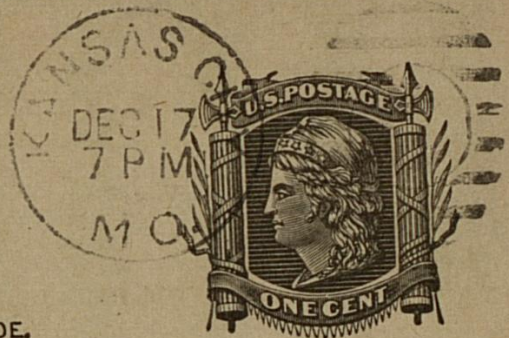
AS STATED. WE CREDIT YOUR INTEREST ACCOUNT WITH \$ _____

Please attend promptly to the matter of Proof of heirs, etc. in the matter of Mr. Geo. W. Cooke's title. - send you this morning, as the matter is of very great importance to Mr. C. to get the proof an earliest possible day

YOURS TRULY,

JARVIS, CONKLIN & Co.

47-M-64



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

James K. or Wm K. Patterson
Lexington
Ky

No. _____

Lexington, Ky., *with letter Dec 26, 1884* Dec. 16 1884

THIRD NATIONAL BANK

Pay to *order* Leonard Scott Publishing Co. or bearer,

Twenty - 100 Dollars,

For Credit on account

\$ 20.00

Corlies, Macy & Co., Stationers, 39 Nassau St., N. Y.

MONTHLY REVIEWS.

CONTEMPORARY REVIEW.
NINETEENTH CENTURY,
FORTNIGHTLY REVIEW.

\$4.50 each; any two, \$8.50;
all three, \$12.00.

SHAKESPEARIANA—MONTHLY,
\$1.50 a year.

Leonard Scott Publishing Co.

1104 Walnut Street,

BLACKWOOD'S MAGAZINE.
BRITISH QUARTERLY REVIEW.
WESTMINSTER REVIEW.
QUARTERLY REVIEW.
EDINBURGH REVIEW.

\$3.00 each; any two, \$5.50; any three, \$8.00;
any four, 10.50; all, \$13.00.

Philadelphia, Dec. 26 1884.

Dr. Jas. K. Patterson, Esq.
Lexington Ky.

My dear Sir

Enclosed please find your check sent
us under date of 16th inst. - unsigned - please sign
same & return us - amt \$20 -

Very truly yours

Saml. P. Lerree Jr

No. 2940 Philadelphia, Dec 19 1884

M^r Jas. H. Patterson Dr. to

The Leonard Scott Publishing Company,

1104 WALNUT STREET.

For	months subscription to	Contemporary Review	, from	188...	\$
"	"	" Nineteenth Century	, "	188...	.....
"	"	" Fortnightly Review	, "	188...	.....
" <u>24</u>	"	" British Quarterly Review	, " <u>Jan.</u>	188 <u>3</u>	.....
" <u>24</u>	"	" view	, " <u>4</u>	188 <u>3</u>	.....
		" iew	, " <u>4</u>	188 <u>3</u>	.....
		" Review	, " <u>4</u>	188 <u>3</u>	.....
		" Magazine	, " <u>4</u>	188 <u>3</u>	.....
		"	, "	188...	.....

Please remit to

Leonard Scott Publishing Co.,

1104 Walnut Street,

Philadelphia, Pa.

pd on acct \$ 23.00
20.00
3.00
Treasurer,
The Leonard Scott Publishing Co.

No. 2940 Philadelphia, Dec 19 1884

M. Dr. Jas. A. Patterson Dr. to

The Leonard Scott Publishing Company,

1104 WALNUT STREET.

For	months subscription to	Contemporary Review	from	188...	\$.....
"	"	" Nineteenth Century	"	188...	.....
"	"	" Fortnightly Review	"	188...	.....
" <u>2.4</u>	"	" British Quarterly Review	" <u>Jan.</u>	188 <u>3</u>	.....
" <u>2.4</u>	"	" Edinburgh Review	" <u>4.</u>	188 <u>3</u>	.....
" <u>4</u>	"	" Quarterly Review	" <u>4.</u>	188 <u>3</u>	.....
"	"	" Westminster Review	" <u>4.</u>	188 <u>3</u>	.....
"	"	" Blackwood's Magazine	" <u>4.</u>	188 <u>3</u>	.....
"	"	" Shakespeareana	"	188...	.....

Received Payment,

pd on acct \$ 23.00
26.00
3.00

Treasurer,
The Leonard Scott Publishing Co.

47-M-67

State College of
Kentucky.
PRESIDENT'S ROOM.

Lexington, Ky., Dec. 18 1884

W. C. Morgan Esq.

Dear Sir,

Please send by return an answer
to the Enquiry I made of you
yesterday.

The R. & N. gives us half fare
rates. The C & O two third fare.

Yours truly

Ans R Patterson

65 miles Less half fare.
65 miles over than 100 miles \$2.00
100 miles over 1¢ per mile.
Tickets on sale Dec 22nd to Jan 1st
Good to return until Jan 21st 1885

Lexington Agency

Special Agent.

JNO. C. WHORTON.

Chess-Carley Company.

LOUISVILLE.

Lexington, Ky. Dec 20th 1884

Mr. J. A. K. Patterson
Lexington Ky.
Dear Sir

Your letter of the 18th inst.
to Chess-Carley Company, Louisville,
in regard to the price of 86^o gasoline,
has been referred to this office. We
will supply you with twelve bbls.
of 86^o gasoline at 20¢ per gal.

Yours respectfully
Chess-Carley Company
by J. C. Whorton
Spl. Agt.

No. ~~500~~ 3/2 TREASURER'S OFFICE, LINN COUNTY, KANSAS, Dec 20th 1884
 RECEIVED OF J. A. Patterson Doctor 7 08 DOLLARS,
 being *in full* of all tax for the year 1884 on the following real estate and
 personal property, to-wit:

DESCRIPTIONS.

Sec	Town.	Range.	Valuation.	TAX.
13	21	22	400	12 38

Personal Property

TOTAL

Rebate	
Penalty	30
Advertising	
Amount Paid	12 08

A. W. Burton Treasurer.

Deputy.

\$ 12 08 ☐ RATE OF TAX ON OTHER SIDE.
 100

Duplicate

**Rate of Tax Levied on each \$100 Valuation of Taxable
Property in Linn Co., Kansas, for the year 1884.**

TOWNSHIP TAX.

State Tax.....	\$0 45	Lincoln Township Bond Tax.....	\$0 30
County and Bridge Tax.....	1 00	Liberty Township Tax.....	10 1/2
La Cygne City Tax.....	70	Centerville Township Tax.....	10
Pleasanton City Tax.....	\$1 00	Paris Township Tax.....	05
" Bond Tax.....	35	Potosi Township Tax.....	30
Mound City City Tax.....	1 35	Mound City Township Tax.....	12 1/2
Prescott City Tax.....	50	Blue Mound Township Tax.....	05
		Stanton Township Tax.....	15
		Sheridan Township Tax.....	20

SCHOOL DISTRICTS.		SCHOOL DISTRICTS.	
No.	District Tax.	No.	District Tax.
1.....	\$1 00	51.....	\$ 50
2.....	1 00	52.....	1 00
3.....	1 20	53.....	40
4.....	1 20	54.....	60
5.....	1 35	55.....	1 20
6.....	50	56.....	1 00
7.....	70	57.....	1 00
8.....	90	58.....	1 00
9.....	70	59.....	85
10.....	85	60.....	1 50
11.....	87 1/2	61.....	1 50
12.....	50	62.....	1 25
13.....	1 25	63.....	90
14.....	70	64.....	1 00
15.....	1 50	65.....	1 00
16.....	1 50	66.....	90
17.....	80	67.....	75
18.....	1 50	68.....	1 00
19.....	70	69.....	70
20.....	1 15	70.....	50
21.....	70	71.....	1 50
22.....	60	72.....	1 00
23.....	80	73.....	50
24.....	70	74.....	75
25.....	1 30	75.....	1 00
26.....	70	76.....	1 00
27.....	85	77.....	1 50
28.....	1 30	78.....	50
29.....	50	79.....	1 25
30.....	50	80.....	1 50
31.....	1 70	81.....	1 25
32.....	75	82.....	60
33.....	1 00	83.....	1 00
34.....	1 00	84.....	1 00
35.....	70	85.....	1 25
36.....	1 15	86.....	92
37.....	80	87.....	1 30
38.....	50	88.....	40
39.....	1 00	89.....	1 45
40.....	1 00	90.....	25
41.....	50	91.....	1 50
42.....	75	92.....	1 25
43.....	60	93.....	1 00
44.....	30	94.....	1 20
45.....	1 60	95.....	0
46.....	60	96.....	1 20
47.....	65	97.....	0
48.....	1 00	98.....	1 20
49.....	1 00	99.....	30
50.....	1 00	100.....	45
		101.....	20
		102.....	20
		103.....	70

47-M-64

No. 490 271 TREASURER'S OFFICE, LINN COUNTY, KANSAS, Nov 20 1884
 RECEIVED OF J. A. Patterson Fifteen 88 DOLLARS,
 being in full of all tax for the year 1884 on the following real estate and
 personal property, to-wit:

DESCRIPTIONS.	Sec	Town.	Range.	Valuation.	TAX.	
<u>U C 1/4</u>	<u>2</u>	<u>23</u>	<u>22</u>	<u>6.50</u>	<u>16</u>	<u>28</u>
				Personal Property		
				TOTAL	<u>16</u>	<u>28</u>
				Rebate		
				Penalty		<u>40</u>
				Advertising		
				Amount Paid	<u>13</u>	<u>88</u>

A. W. Burton Treasurer.

Deputy.

\$ 13.88 ☒ RATE OF TAX ON OTHER SIDE.
 100

Duplicate

Rate of Tax Levied on each \$100 Valuation of Taxable Property in Linn Co., Kansas, for the year 1884.

TOWNSHIP TAX.

State Tax.....	\$0 45	Lincoln Township Bond Tax.....	\$0 30
County and Bridge Tax.....	1 00	Liberty Township Tax.....	16 1/2
City Tax.....		Centerville Township Tax.....	10
La Cygne City Tax.....	70	Paris Township Tax.....	05
Pleasanton City Tax.....	\$1 00 }	Porost Township Tax.....	30
" " Bond Tax.....	35 }	Mound City Township Tax.....	12 1/2
Mound City City Tax.....	1 35	Blue Mound Township Tax.....	05
Prescott City Tax.....	50	Stanton Township Tax.....	15
		Sheridan Township Tax.....	20

SCHOOL DISTRICTS.	District Tax.	Bond Tax	SCHOOL DISTRICTS.	District Tax.	Bond Tax
No 1.....	\$1 00		No 51.....	\$ 50	
2.....	1 00		52.....	1 00	
3.....	1 20		53.....	40	
4.....	1 20	\$0 20	54.....	60	
5.....	1 35		55.....	1 20	
6.....	50		56.....	1 00	
7.....	70		57.....	1 00	
8.....	90		58.....	1 00	
9.....	90		59.....	1 00	
10.....	70		60.....	85	
11.....	85		61.....	1 50	
12.....	87 1/2		62.....	1 50	
13.....	50		63.....	1 25	
14.....	1 25		64.....	90	\$ 80
15.....	70		65.....	1 00	
16.....	1 50		66.....	1 00	
17.....	80		67.....	90	50
18.....	1 50	65	68.....	75	55
19.....	70		69.....	1 00	
20.....	1 15		70.....	70	
21.....	70		71.....	30	
22.....	80		72.....	1 50	
23.....	60		73.....	1 00	50
24.....	70		74.....	50	
25.....	1 30		75.....	75	
26.....	70		76.....	60	
27.....	85		77.....	1 60	
28.....	1 30		78.....	1 50	
29.....	50		79.....	60	
30.....	50		80.....	1 25	
31.....	1 70		81.....	1 25	
32.....	75		82.....	60	
33.....	1 00		83.....	1 00	
34.....	70		84.....	1 25	
35.....	85		85.....	1 00	
36.....	1 85		86.....	1 25	
37.....	50	40	87.....	95	
38.....	1 00		88.....	1 30	
39.....	1 00		89.....	1 25	
40.....	50		90.....	40	25
41.....	50		91.....	1 25	
42.....	75	35	92.....	1 50	
43.....	60		93.....	1 25	
44.....	30		94.....	1 25	
45.....	1 00		95.....	80	
46.....	60		96.....	1 20	
47.....	65		97.....	60	
48.....	1 00		98.....	1 20	30
49.....	1 00		99.....	2 00	45
50.....	1 00	60	100.....	1 00	20
			101.....	60	
			102 joint.....	70	

47-M-64

Educational Courant,

A MONTHLY

DEVOTED TO

Educational, Social and Literary
TOPICS

of the day.

Z. F. SMITH,

Editor in Chief.

ABNER J. SMITH,

Business Manager.

Louisville, Ky., Dec. 23, 1884

Mr James H. Patterson Jr.
JO ABNER J. SMITH,

MANAGER.

EDUCATIONAL COURANT,

407 Fifth Street.

No Adv. 2 mos,

4 50

No.

Lexington, Ky., Dec. 23 1884

FIRST NATIONAL BANK,

Pay to *Self* or Bearer
Twenty Dollars,
For



In Current Funds.

\$ 20

Ans R Patterson

47-M-64

14607
802
206
288
5265
2598

1 Estimate cost of changing Steam Pipes
2 at A. M. College in Kentucky. As to
3 Control the heating pipe. Having them in three
4 divisions. Object in case of a bursted pipe
5 in cold weather in our portion of house. That
6 steam will not have to be turned off inter-
7 ely from building while repairs are being made
8 (as is now the case.) But to turn off some
9 portion of house that is affected. & continue the
10 steam in balance of house. while the repairs
11 could be made

12 We agree to furnish & put in pipes &
13 necessary fittings in a suitable manner the
14 amount of iron pipes needed to make said
15 change. All the necessary flanged valves
16 on supply & returns pipes. 1. $2\frac{1}{2}$ " 2. 2" 3. $1\frac{1}{2}$ "
17 2. 1" 1. $\frac{3}{4}$ " valve. All the Elbows. T's,
18 sockets necessary for the above sizes pipes
19 for the sum of ninety six dollars & eighty five
20 cents \$96.85. We guarantee our work to give
21 satisfaction

22 M^r. Edward Moloney
23 Lexington, Ky
24 December 2nd 87

Lexington Agency
Special Agent.
JNO. C. WHORTON.

Chess-Carley Company,

LOUISVILLE.

Lexington, Ky. Dec 26th 1884

Mr. J. A. K. Patterson
Lexington Ky.
Dear Sir

We will not be able to get
the 12 bbls. of 80° gasoline this week,
shall we send you some of the old
stock on hand, and if so, how many
bbls? We will be obliged if you will
let us know your wishes as early
to-morrow as convenient by telephone

Yours respectfully
Chess-Carley Company
by J. C. Whorton S.A.

Office of J. S. DAUGHERTY,
GENERAL LAND AGENT,

SOLICITS CORRESPONDENCE WITH PARTIES WISHING TO BUY, SELL, OR SPECULATE IN TEXAS LANDS. FURNISHES COMPLETE
ABSTRACTS OF TITLES OF DALLAS CITY AND COUNTY PROPERTY.

701 MAIN STREET,

DICTATED TO STENOGRAPHER.

Dallas, Texas, DEC. 26TH, 1884

25 75.

PRES. JAMES K. PATTERSON,
LEXINGTON, KY.

I AM IN RECEIPT OF A LETTER FROM MR. MC.KELLAR IN WHICH HE CONSENTS
THAT YOU SHALL HAVE ONE OF THE HALE COUNTY SECTIONS. YOU WILL PLEASE
SEND ME NEW YORK EXCHANGE FOR \$341, THE AMOUNT OF THE COST OF THE SECTION
AND ON RECEIPT OF THE DEED AND OTHER PAPERS PROPERLY SIGNED WHICH I AM
~~HAVING~~ ^{Deed} DRAWN AND FORWARDED TO THE PARTIES FOR EXECUTION, I WILL SEND YOUR
PATENT AND OTHER PAPERS TO YOU.

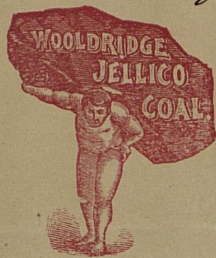
YOURS VERY RESPECTFULLY,

J. S. Daugherty

Folio

Lexington, Ky., 12/31/1894

Mr. Prof. J. N. Patterson



BOUGHT OF THE JELlico AND BEATTYVILLE COAL AND FEED CO.,

INCORPORATED.

WHOLESALE AND RETAIL DEALERS IN

Coal and Feed,

YARDS: { 160 E. Main Street. Phone 346.
Fourth St. and Blackburn Ave. Phone 341.

1894

BILLS DUE ON PRESENTATION.

Dec 31 To Yc Reed

\$ 29.61

Please receipt volume

J.N.P.

Reed Payment
1-4-95 JELlico & BEATTYVILLE COAL & FEED CO.

Thanks

Wooldridge Jr. Cash

47-M-64

Prof. J. H. Patterson

612

Lexington, Ky., Dec 31 1884.

M^r Prof J K Patterson

Bought of PAYNE & KINNEAR,
 DEALERS IN GROCERIES, PROVISIONS, &c.,
 Cor. Market and Short Streets.

1884

Nov	4	Flour	3	25
	12	Rice ⁵⁰ Dried Peaches ⁷⁵	1	25
Dec	2	M S yeast ¹⁵⁰ E Peaches ¹⁰⁰ B W Flour ⁵⁰	3	00
	20	Flour ³²⁵ meal ⁴⁵	3	70
			11	20

47-M-64

Prof J K Patterson

Hazelgreen High School

WOLFE COUNTY KENTUCKY.

1883-84.

The undersigned will begin School at Hazelgreen, on August 6th, 1883, and continue ten months. Hazelgreen is so situated as to make the future of the institution very encouraging. The surroundings are such that superior advantages, both as to expense and social culture, are afforded. The design of the institution is to furnish a complete, thorough and liberal course of practical instruction; such as will fit the pupil for the duties of active life. The Principal kindly solicits a liberal patronage of all friends of education, while he promises to make both the time and occasion subservient to their best interest.

The Second Term will begin December 31st, 1883

COURSE OF STUDY AND EXPENSES.

OBJECT LESSONS, SPELLING,	READING, PENMANSHIP,	
Tuition per Term (five months).....		\$ 7 50
MENTAL ARITHMETIC, PRIMARY GEOGRAPHY,	PRIMARY ENGLISH GRAMMAR, ADVANCED READING.	
Tuition per Term.....		10 00

ENGLISH GRAMMAR, Complete, GEOGRAPHY, PRACTICAL ARITHMETIC, HISTORY, (U. S.)

Tuition per Term..... 12 50

ALGEBRA,
GEOMETRY,
RHETORIC,
ANCIENT HISTORY,

COMPOSITION,
PHYSIOLOGY,
ENGLISH LITERATURE,
MODERN HISTORY,
LANGUAGES, Etc.

Tuition per Term..... 15 00

INSTRUMENTAL MUSIC.

Tuition per Term..... 20 00

Board can be obtained at \$2.00 per week.

Tuition must be in cash with no deduction for absence, except in case of sickness, prolonged more than three weeks.

N. B. HAYS, PRINCIPAL.

TRUSTEES.

J. T. DAY,
W. O. MIZE,
G. B. SWANGO,
R. J. SAMUEL.

E. B. Smith, Printer & Binder, Lex., Ky.

[1984]

Pres. Patterson;
Dear Sir,

Please let me know if
you received the check
Pa mailed to you.

If so I wish you
would please pay my
board tonight. If
you have not received
it yet will you
please pay my board
in advance for me
and I will be much
oblige to you. please
send ans. by Herr.
and oblige

Yours Respt.

Albert L. Offutt

Taylor's class.	
William Hewitt,	14.75
Robert Hewitt,	14.50

Miss Hodges.	13.95
Miss Hanson,	13.94
J. J. Towne	13.80
M. A. Bowworth	13.50
C. S. Brownell	13.50
Willie Walker	12.50
B. S. Morris	12.75
Kirk Reese	12.
G. B. O'Banion	11.75
H. S. Gamboe, not ex	13.50

Miss Mary Schmidt	14.50
Jno. Aurdley	12.
For F. Bowworth	11.

Gordon Haggard	12.
Jno. Isum	12.4
Dunn Allin	12.5 ✓
Allin Rankin	11.
J. R. Wright	12.
Rufus Fitzpatrick	12.
Thomas Morrow	12. ✓
C. E. Railey	12.
Harry Marshall	10. ✓
D. K. Lee	9. ✓

The Peoples' Mutual Assurance Fund is a corporation chartered by the State of Kentucky with perpetual succession endowed with liberal rights and privileges. The object of the Association is not only to make provision for your family in the event of your death, but also to provide for the payment of the insurance money during your life.

In order to help you to a better understanding of the plan, we submit the following dialogue exposed to occur between the agents of the Association and persons seeking information concerning its workings.

Question—What is the name of your Association and where did it originate?

Answer—The Peoples' Mutual Assurance Fund. It originated in Louisville, Ky., and is duly chartered by the State.

Q—What is the object of the Association?

A—Its object is to provide for the payment of certain sums of money to its members during life or at death.

Q—Then your Association issues certificates payable at death only and during life also, at the option of each particular member?

A—Yes. We issue certificates payable at death only, which we call Form No. 1 Certificates, and payable during life, which we call Form No. 2 Certificates.

Q—What difference is there between your Form No. 1 Certificates and those issued by the Knights of Honor, the Legion of Honor, or the Workmen?

A—None whatever. Both are paid at death of membership and not before, the funds to pay with are raised precisely in the same manner, viz: by assessments on the membership.

Q—Then your Association meets with no opposition on account of your Form No. 1 Certificates?

A—None at all. Members of other orders ex'pt object, because their arguments, if any they can bring in opposition to this form, would cut their own throats, and therefore the attempt to break down Form No. 1 would be suicidal to themselves.

Q—But has it been demonstrated that Form No. 1 will work?

A—Certainly, by actual experience. The Knights of Honor, Legion and Ancient Order of Workmen are making, and have been for years, making daily payments of benefits to the families and friends of their deceased members. Their ability to do anything can't be very well denied, when everybody sees that they are doing it.

Q—Was their ability to pay benefits at death on the assessment plan ever denied?

A—It was, by the old line insurance companies, who were either jealous of the Mutual Aid Association named above, or were unable to see how they could do what was proposed by them.

Q—Has this opposition ever passed away?

A—Yes, almost entirely, for what is the use to assert that what is new, *Q—Then you base your ability to pay your Form No. 1 Certificate on the experience of other Mutual Aid Associations?*

A—Yes. We think if other associations can pay in full at death, we can also, when we pursue the very same course they do, with reference to raising the means.

Q—How came you to incorporate Form No. 1 Certificates into the plan of your Association, when there were so many orders in existence issuing this form of certificate?

A—For several reasons, first, because our Association has no lodge meetings to attend, and a great many people are averse to attending lodges. Second, because

members of these other orders, who are particularly conversant with the benefits of mutual aid insurance, often desire additional insurance which is afforded by us without increasing the burden of attending lodge meetings and lastly, because some people prefer to have their insurance all in one association, and some prefer to distribute it.

Q—How are the funds raised to pay Form No. 1 Certificates?

A—Just as in other orders. Whenever a death occurs among the membership, an assessment is made upon every member of the association surviving, and they each pay in an amount proportioned to the age of each at date of becoming members and the amount of their own Certificates; out of the sum so raised the amount of the certificate of deceased is paid.

Q—Suppose one assessment on all the members does not raise a sum equal to the amount of the certificate of deceased, what then?

A—It is a part of the constitution of every Mutual Aid Association, that in such a case, the payment shall be prorated. This is always understood by every member when he joins the association.

Q—Will not a member then, in the infancy of an association, receive less in case he dies than he pays for?

A—Not at all. If there are only a few members there will be few deaths and therefore few assessments, and the sums received will be in proportion to payments.

Q—Would the arrangement at the very outset of Mutual Aid Association to pay certificates in full?

A—By no means. For as a member only pays a fixed assessment upon every death, no greater sum could be raised by such assessments.

Q—We have been speaking of your Form No. 1 Certificates, will you now tell me upon what theory your Form No. 2 or Endowment Certificate rests?

A—Upon the theory of the geometrical axiom that the "whole is equal to all its parts, neither greater nor less."

We say that if an association can pay a benefit to its members at death, it might just as well pay in installments during life, as to wait till death and pay the whole.

Q—This is the form that rival associations assail, I believe you informed me?

A—Yes. It is assailed because it is new, novel, and very popular with both old and young.

Q—Explain more fully your Form No. 2 that I may understand it for myself, whether it will work or not.

A—Well, in the first place, there is a limit to human life; you, of course, know to that. Take seventy-five as a limit, then when a man joins our association aged

55 he can't live but 20 years. 40 he can't live but 35 years.

50 " " 25 " 30 " " 40 "

55 " " 20 " 35 " " 45 "

60 " " 15 " 30 " " 50 "

Now if a man joins our Association in Form No. 1, or any other association paying at death only, of course such an association must expect to pay the benefits in 20 to 30 years respectively, according to the age of a member at the date of his admission to the association.

To use a single illustration, if a man joins at the age of 55, the association will have to pay his benefit on the ordinary plan, (Form No. 1) at the end of 20 years anyway, and perhaps much sooner; is not this true?

It certainly follows, 25 years being put down as the limit of his life.

Q—Well, what members have to pay this benefit on the old plan?

A—It must be the members who survive him. Q—Well, if it costs these members \$1.00 on the ordinary plan to pay in full at death, had they not just as well have

paid the members 20 cents every three years if he should live his full time out, as to have paid the \$1.00 each at his death.

A—It seems plain to me that they could have as easily done so. Q—Do you not then see that our Form No. 2, or Endowment policies are based upon the division of men's expected lives into five parts, and paying one-fifth of their benefit (usually paid only at death) every time a member lives out a fifth of his expectancy?

A—I begin to see it to some extent. Q—Can you not see that every time we pay during life a fifth of a certificate, that we are only paying a part of what would, under the ordinary plan, be paid at death?

A—This is certainly the case. Q—Well, if a man lives out his time, and is paid five-fifths of his certificate, do you say he has been paid more than the whole?

A—Certainly not. Q—How much money does a member holding an Endowment or Form No. 2 Certificate receive at his death?

A—Only one-fifth of it. A member must live to get his money under this form, under the ordinary plan he must die to get it.

Q—It follows from what you assert that a member receiving his first payment on his Certificate, and dying next day, will receive an additional one-fifth of the certificate, and unless the member has received his payments in full before his death, he gets an additional one-fifth.

Q—In order to reap an endowment certificate in full, then a member need only live to get four payments.

A—Of course the other one-fifth being paid at death, completes the certificate.

Q—A member holding an endowment certificate then, who is so unfortunate as to happen to die before his first payment is due, will only receive one-fifth as much as under an ordinary certificate?

A—Certainly. This form is designed mostly for the living.

Q—Then will you please name some of the advantages of Form No. 2 Certificates?

A—They better enable members to pay their assessments on insurance, payable at death, because they receive one-fifth of the profit of their investment in from four to ten years.

Secondly, the interest on the sum received during life makes the insurance of those living out their expectancy nearly double the value of Form No. 1 insurance.

Thirdly, Form No. 2 Certificates bring in an income to the old, when they most need it, that is, when they can no longer perform manual labor.

Fourth, there are a protection against the collapse of Mutual Aid Association, if anybody should ever have any fears of such a calamity, because if they ever get to the maturity of one coupon they never can be losers.

They will have received at the very least, four dollars for every one expended.

Fifth, they enable a man to reap his insurance while alive, he don't have to die to get it, but if he does die his insurance is not all defeated.

Q—Are you not afraid this is too good to be true?

A—I say nothing is too good to be true.

It therefore follows that there is nothing in your question, but the real question is on Form No. 2 Certificates be paid, for I imagine that the holder of a Form No. 2 Certificate would not refuse the payments as they fell due, on the ground that it was "too good a thing."

Q—Since we started out to test this matter, by reason, I must confess, it seem plain you are right, and I will now ask you this question: Can your association pay in installments during life, that is, divide certificates into five coupons, and pay the same when they mature?

A—Now you have come to the point and I take pleasure in answering you; but before we proceed I ask you to bear in mind that in Form No. 2 a member runs the chances of living; that a man's expected life

at the time he joins, is divided into five parts, and the member if living only gets a fifth payment every time he lives a fifth of his expectancy, and, therefore, must live to get his money while alive, and in case of death only gets one-fifth of his certificate.

These things being understood, I assert we can pay Form No. 2 Certificates in accordance with their stipulations, and in order to prove it, I will change places with you and ask you questions, because I don't want you to jump the track.

A—All right, go ahead; you question and I will answer.

Q—Well, it is understood that we can pay in full at death on the ordinary plan your Form No. 1. Q—Yes, I am willing to admit that as I see it is being done almost every day.

Q—Well, from what source does any mutual aid association derive the means to pay benefits to its member?

A—I believe it is agreed already that the money is raised by assessment upon the membership.

Q—Then these assessments constitute the income of the association? A—It would appear so.

Q—Do you not know that these assessments are made upon a tolerably uniform death rate, and that the various orders with a full membership have to make from ten to twelve assessments per annum?

A—I understood that such is the case. Q—Then may we not say that the income of Mutual Aid Association is uniform?

A—That follows from what has been admitted.

Q—Then if an association with a uniform yearly income can pay the whole death losses accruing in that time, whenever the deaths occur and are paid, have they not simply paid five-fifths of each certificate?

A—Certainly. Q—When the Association has paid the whole has it done any more than to *pay all the parts*?

A—Certainly not. Q—Then any association which can pay the whole, can pay the parts, can it not?

A—It would seem to be an unavoidable conclusion.

Q—Does not any association that issues a certificate to a member payable at death on the ordinary plan virtually give its note to the member for the amount of the certificate payable at his death?

A—It seems to amount to about the same thing.

Q—Is there any difference in the principle between an individual's note and the note of an association?

A—None that I am aware of.

Q—Then since Form No. 2 Certificates are paid only one-fifth at death, which had you rather do (and which do you think could be more easily paid, give me your note for \$500, payable at my death, it to occur whenever I may, or give five notes for \$100, payable three to ten years apart, and stipulating that if I died before the first fell due, one would be paid and the balance not, and that in no event should I receive the whole five thousand dollars unless I lived until after the maturity of the fourth note.

A—I should prefer to give the five notes, as I might save \$100, and even as high as \$500 by your early death, while, if you lived out the whole time I could pay you no more in the aggregate than \$500.

Q—Then by this do you not admit that our association can as easily pay Form No. 2 Certificates as Form No. 1.

A—I must confess I am bound to do so, from what has been admitted, but I now desire to ask you a few questions, if you will answer.

A—Certainly, proceed.

Q—There are so many more coupons, maturing than deaths, will not your liabilities be such as you can't pay?

A—It takes five coupons to equal one death, and suppose we have one thousand members, and they all live out their expectancy, there can only be five thousand coupons mature, the amount of which is just the same as one thousand deaths, and it can't cost any more to pay one than the other, and since you have admitted the death losses can be paid, it follows the coupons can be paid, because they are only parts of the whole.

A—Yes, that is exactly so.

Q—And you think your association can pay Form No. 2 Certificates as easily as Form No. 1?

A—Yes, I think so.

Q—Then you are willing to admit that the Peoples' Mutual Assurance Fund can pay Form No. 2 Certificates as easily as Form No. 1?

A—Yes, I am willing to admit that.

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A—Yes, I am willing to admit that.

tion, which possesses the ability to pay in full at death, whenever it happens, can pay two-fifths of a man's policy who has lived one-fifth of his time out (one coupon and one-fifth death benefit making two-fifths, and not pay the other three-fifths as other orders would have to do? A—To think otherwise would seem so absurd, that I shall submit to you that the question answers itself. Q—How do you raise the funds to pay the coupons of the living? A—Every member holding either Form No. 9, or Form No. 1 Certificate, pays an assessment into the death benefit fund—this raises so much money.

Now, when a death occurs, if a member holds a Form No. 1 Certificate, the one assessment is taken and paid to him, but if he holds a Form No. 2 Certificate, the whole amount is taken out of the Death Benefit Fund, but only one-fifth of it is paid the deceased, and the remaining four-fifths is put to the credit of a fund with which to pay the living. Q—Suppose a member holding a five thousand dollar certificate dies before his first coupon is due, what then? A—The whole \$5000 is taken from the death fund, \$1000 is paid deceased and \$4000 is placed in the Endowment Fund. Q—Why do you take \$5000 out of the Death Fund? A—Because both Form No. 1 and No. 2 members contribute alike to the death fund, and are therefore entitled to withdraw from that fund like amount; the only difference is one expects to get his money during life, the other only at death, and their expectations should not affect their rights. Q—You say form No. 2 assessments should not affect their rights. A—You say form No. 2 assessments would not. They cannot be assessed upon death of a member, but it is expected that assessments to pay coupons will rarely, if ever, be made. Q—You think these deductions will pay the living coupons? A—Yes. Because in 1888 the coupons of members between 30 and 35 years of age, who joined in 1884, will be due, and none can be due before.

Now, the Association is composed of members from 18 to 35 years of age, the coupons of a large number do not mature till 1888, others in 1889, 1890, 1891, 1892, 1893, and 1894, and every member holding a Form No. 2 Certificate in all these classes, including the 1888 men, who die between now and during 1888, put four-fifths of his or her certificate into the fund to pay of the coupons of 1888 and besides this every member who joins and dies between now and 1888, does likewise. Q—Will this raise a sufficient sum to pay them? A—According to the mortality tables compiled from the combined experience of the insurance companies of the world there will be. Q—Suppose it did not, what then? A—An assessment would be made to cover the difference. Q—Would not this increase the assessments upon the membership? A—By no means, upon the average, because if our deaths are less than usual, we can afford to pay more in the way of assessments to pay coupons, but it is safe to say the death rate in the future will be as in the past. Q—Suppose the death rate increases? A—It will then increase in all associations alike, and death assessments will be no greater with us than other orders, and certainly if the death rate increases, it will be because the members don't live so long, and therefore Form No. 2 members will live out the length of their lives, if will take less to pay them off. Q—Suppose it decreased? A—There will be fewer deaths in a given time and therefore we can afford to pay more assessments for coupons. Q—There any other question I can propound that would put you in any dilemma with reference to Form No. 2 Certificates? A—If you sincerely ask that question I will inform you there can none be

asked because we are fortified behind the impregnable truth than the "whole is equal to all its parts, neither greater nor less." Suppose this geometrical axiom should turn out hereafter to be false, and that in actual practice it be found that your association can't pay in installments?

A—You suppose impossibilities. Take things as they are and expect them to be what they have been; then you will be reasonable, otherwise not.

Q—One more point I wish to speak of. Your association was chartered and organized in 1884, and no coupons mature until 1888, and as every member holding an endowment certificate dies in 1884-87, (and in 1888, prior to the maturity of any coupons), cause disbursement of four times as much as he receives into the endowment fund, will not a very large sum go to the credit of the endowment fund?

A—Quite a considerable sum.

Q—What security have the member of the association that this money will be held for the purpose of paying off maturity coupons? A—It was first proposed to invest the money in United States bonds, but this did not answer the purpose, as the deflation of the money could not be recovered, so we hit upon the plan of loaning the money as fast as it accumulates in the endowment fund to those coupon holders who are first to be paid.

Q—Explain this method of investing the endowment fund more fully.

A—Well, four years is the shortest time in which any coupon can mature, and ten the longest. Since our association began in 1884, no coupon can therefore mature until 1888.

Now, therefore, we have 1884, 1885, 1886, and 1887, prior to the maturity of any coupon in 1888, to raise the funds to pay the coupons maturing in 1888.

Well, the death rate is about one percent, on the membership, so that out of 2000 members there will have been 20 deaths per annum for the years 1885-8-7, and at the same rate for the part of 1888, excluding before any coupon falls due; therefore out of this number 60 deaths will have occurred, and if all held \$5000 certificates, since \$300,000 in the endowment fund before any payments of coupons would be made.

Now to avoid this accumulation, the very first death that occurs and money is received, say \$5000, into the endowment fund, instead of holding the money, awaiting the maturity of coupons, we turn to the books, ascertain the first coupons to mature and we loan the money to the holder, taking their notes, payable the day their coupons mature; stipulating that the notes are not negotiable, and that the coupon holder will receive the same back in part payment of his coupon when it falls due.

Q—So then any money going into the endowment fund is immediately put into circulation among the living coupon holders of the association?

A—Certainly. Q—Suppose the coupon holder should die before the maturity of his coupon?

A—It is stipulated in the note by the coupon holder that, in case he dies before the maturity of his coupon, that the note will be received back in part payment of his death benefit, which is always the same in amount as the maturing coupon.

47-11-64

Q—By this plan then, advances will be made or loans made to coupon holders long before the maturity of their coupon, and their certificates will be self-sustaining at a very early date.

A—That certainly is an undeniable consequence, and is one of the greatest beauties of the endowment plan of our association. Q—What is done with the interest, or do you charge interest?

A—Interest is charged per annum, and whenever received is credited to the endowment fund. Q—This interest being loaned will compound and bring a large revenue to the association and will tend to decrease assessments (if ever needed) and to pay coupons?

A—It does. Q—How much money will you advance on a coupon before it matures?

A—One-half at least. Q—Suppose a member receiving an advance on his coupon should become suspended, quit paying his assessments, would not the association be lost?

A—A member insures under the endowment plan of Form No. 2 for the purpose of getting his money during life; now I ask you, why should he quit because he gets it? It would seem more reasonable, it appears to me, that they would quit if they didn't. Again, if the association would be *loser* in such a case, it follows the member would be a *gainer*, and therefore it would be a good speculation for him, and that's what everybody would like to go into. Therefore there would be plenty of people, as they become old enough continually going into the association, and that would keep it always going.

But I say the moment a man becomes suspended in this or any other way the association gets shut of the risk of his death, and in actual practice we find that men are too sensible to take the view that it is to their interest to take one-half and quit, when their getting the one-half is the best evidence in the world of the ability of the association to pay the other half when due.

Q—How has a fair and proper administration of the affairs of the association been provided for?

A—The Secretary and Treasurer are under good and efficient bonds, and the Board of Directors is composed of men who stand high in the community, and who will guard the interest of the members with zealous care.

For further particulars, address ED. N. CALDWELL, Sec'y, 345 FIFTH STREET, LOUISVILLE, KY.



1884
KRIEGBHABER BROS. PRINTERS,
508 West Main Street,
LOUISVILLE, KY.

PEOPLES' MUTUAL ASSURANCE FUND

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J. H. JACKSON, Louisville, Ky.

An Endowment Association, of Louisville, Ky.

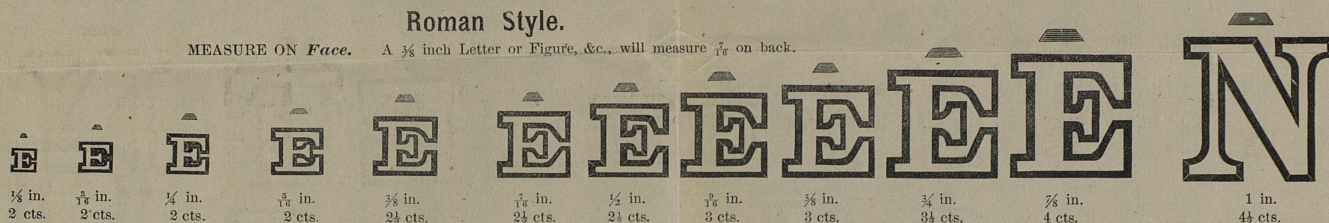
OFFICERS.

JUDOR W. L. JACKSON, Pres.
ABNER G. CARUTH, Vice-Pres.
ED. N. CALDWELL, Sec'y
CHARLES GODSHAW, Treas.
FRANK C. WILSON, Medical Directors.
J. A. UTTERLON, Medical Directors.
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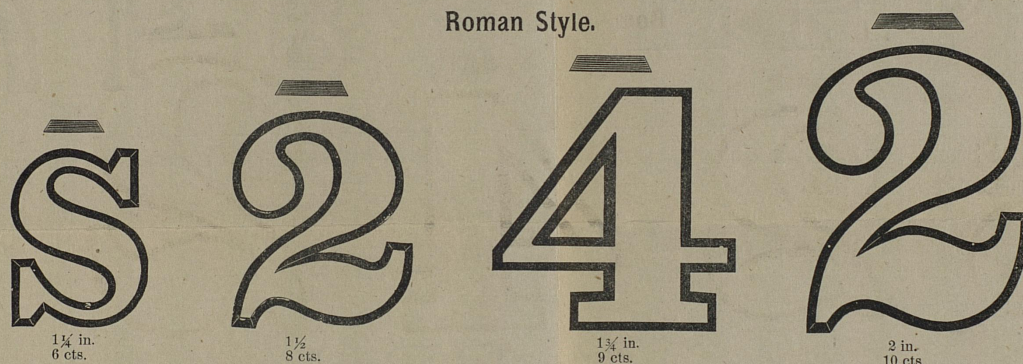
FOR
Foundrymen, Machinists and Pattern-Makers, to Put on Patterns for Castings, &c.

MEASURE ON *Face*. A $\frac{3}{8}$ inch Letter or Figure, &c., will measure $\frac{7}{16}$ on back.



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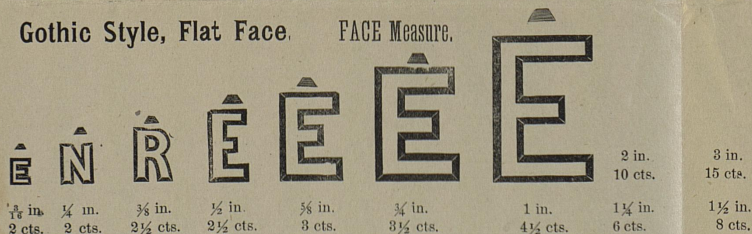
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MANUFACTURED BY

A. W. BRIM,
Seneca Falls,

N. Y., U. S. A.

These Letters and Figures may be fastened on Patterns for Castings with a solution of *Gum Shellac* and *Alcohol* (which is not affected by moisture), or by drilling through the Letters or Figures and through the Patterns using brass wire No. 18, 16 or 14 for rivets.

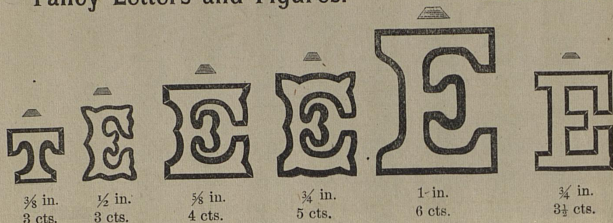
Send for Samples of our Pattern Letters and Figures, and see the improvements, as well as *quality* and *style*.  **See other Side.**

47-M-64

Illustrations and Prices of Pattern Letters and Figures—Continued.

Fancy Letters and Figures.

Thin Block Letter.



Steel Letters, Figures and Stamps.

The prices below are for Steel Letters and Figures, made of EXTRA HEAVY STEEL, for use ON IRON AND STEEL, and are WARRANTED.

SIZE OF LETTERS.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Alphabets, per set.....	\$6.00	\$6.00	\$6.00	\$6.00	\$6.50	\$7.00	\$9.00	\$10.00	\$14.00
Figures, per set.....	2.00	2.00	2.00	2.00	2.25	2.50	3.00	4.00	5.00
Stamps, per letter.....	.25	.25	.25	.25	.30	.35	.40	.50	.60

Roman Style Branding Letters. (Reversed.)

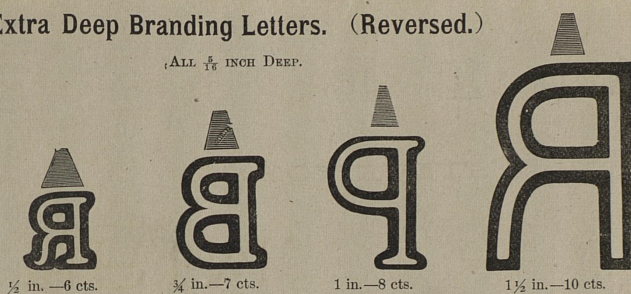
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Extra Deep Branding Letters. (Reversed.)

ALL $\frac{5}{16}$ INCH DEEP.



For Artificial Stone Work, Brick Molds, &c.

ROUND FACE GOTHIC. (Reversed.)

$\frac{3}{8}$ inch.....	Price, 3 cents.	1 inch.....	Price, 5 cents.
$\frac{1}{2}$ ".....	" 3 "	$1\frac{1}{2}$ ".....	" 8 "
$\frac{5}{8}$ ".....	" 3½ "	2 ".....	" 10 "
$\frac{3}{4}$ ".....	" 4 "	3 ".....	" 15 "

Address all Orders to

A. W. BRIM,

SENECA FALLS, N. Y.

IMPROVEMENTS IN MY LETTERS AND FIGURES.

FIRST—I have increased the *Bevel* which makes the draught; a change long needed in all Pattern Letters and Figures in market. As a result of this increase of draught, they *draw from the sand, clean and free*, and the edges of the Letters on the Castings are well exposed to the scratch brush.

SECOND—Each size is of Uniform Thickness and Height.

Foundrymen give me the highest praise for these improvements.

1884-5

DISCOUNT

1884-5

from REDUCED PRICE LIST **40** per cent on all Letters and Figures (except steel) and every Letter and Figure warranted perfect, and finished ready for use on patterns.

All Letters or Figures Sent by Mail or Express at my Expense.

Fifteen years experience in the manufacture of the above goods.

Please notice Paragraphs on Improvements.

A. W. BRIM,

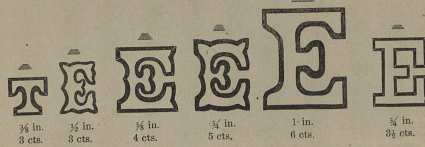
Seneca Falls, N. Y.

47-M-64

Illustrations and Prices of Pattern Letters and Figures—Continued.

Fancy Letters and Figures.

Thin Block Letter.



Steel Letters, Figures and Stamps.

The prices below are for Steel Letters and Figures, made of EXTRA HEAVY STEEL, for use on IRON AND STEEL, and are WARRANTED.

SIZE OF LETTERS.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Alphabets, per set.....	\$6.00	\$6.00	\$6.00	\$6.00	\$6.50	\$7.00	\$9.00	\$10.00	\$14.00
Figures, per set.....	2.00	2.00	3.00	3.00	2.25	2.50	3.00	4.00	5.00
Stamps, per letter.....	.25	.25	.25	.25	.30	.35	.40	.50	.60

Roman Style Branding Letters. (Reversed.)

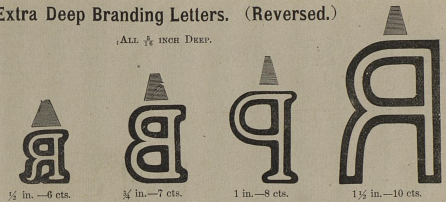
FOR MAKING CAST IRON BRANDING IRONS.

$\frac{1}{8}$ INCH DEEP.



Extra Deep Branding Letters. (Reversed.)

(ALL $\frac{1}{8}$ INCH DEEP.)



For Artificial Stone Work, Brick Molds, &c.

ROUND FACE GOTHIC. (Reversed.)

$\frac{3}{8}$ inch.....	Price, 3 cents.	1 inch.....	Price, 5 cents.
$\frac{1}{2}$ ".....	" 3 "	$1\frac{1}{2}$ ".....	" 8 "
$\frac{5}{8}$ ".....	" 3 1/2 "	2 ".....	" 10 "
$\frac{3}{4}$ ".....	" 4 "	3 ".....	" 15 "

Address all Orders to

A. W. BRIM,

SENECA FALLS, N. Y.

IMPROVEMENTS IN MY LETTERS AND FIGURES.

FIRST—I have increased the *Depth* which makes the draught; a change long needed in all Pattern Letters and Figures in market. As a result of this increase of draught, they draw from the sand, clean and free, and the edges of the Letters on the Castings are well exposed to the scratch brush.

SECOND—Each size is of Uniform Thickness and Height.

Foundrymen give me the highest praise for these improvements.

Rates for Advertising.

EACH INSERTION.

Regular Ads. - - 30 cents per line.
 Reading notices, \$1.00 " "
 Business Notices - 50 " "

AGATE MEASUREMENT, 14 LINES TO AN INCH.

DISCOUNTS.

The following discounts will be made on orders amounting to -

On \$40 and under \$100,	10 per cent.
" 100 " " 200,	15 " "
" 200 " " 300,	20 " "
" 300 " over,	25 " "

NO DEVIATION FROM ABOVE RATES.

ESTABLISHED 1848

OFFICE OF

THE OHIO FARMER

—A WEEKLY—

Agricultural, Live Stock and Horticultural Journal.

M. J. LAWRENCE, EDITOR AND PROPRIETOR.

\$1.25 PER ANNUM.

CLEVELAND, OHIO, 1884.

DEAR SIRs:

Permit me to ask your attention to THE OHIO FARMER, one of the oldest and best established Agricultural and Family papers in the country. It has been established thirty-five years, and has now paid subscribers at over FIVE THOUSAND different post offices, numbering from one to two hundred at each. It is taken at EVERY postoffice in Ohio, at a very large number in Pennsylvania, West Virginia, Indiana, Michigan and Kentucky, and at a liberal number in every State in the Union and Canada. It is closely read in not less than SIXTY-FIVE THOUSAND HOMES EVERY WEEK, by the most wealthy enterprising and prosperous of the rural population, most of whom see no other agricultural paper. THE OHIO FARMER is a first-class paper, and goes into the hands of a class of readers who are enterprising enough to want and able to buy what is new or desirable for their use and comfort. Our rates for advertising are very low, and it cannot fail to prove a valuable medium for you.

FOR TESTIMONIALS FROM PROMINENT ADVERTISERS SEE NEXT PAGE.

Shall be pleased to insert your advertisement, same as attached, at \$8.40 per week, or a larger or smaller one at proportionate rates, with a discount on orders amounting to \$40.00 or over, as shown in the above rates of advertising. All correspondence promptly answered. A copy of the paper is always sent to every advertiser during the continuance of advertisement free of charge. Soliciting your orders,

I am, very truly yours,

M. J. LAWRENCE,

Editor and Proprietor.

N. B.—As we cannot approve of the manner in which Edwin Alden & Bro., advertising agents, of Cincinnati, conduct their business, we have for two years past declined to receive any business from them, which explains why THE OHIO FARMER is not included in their list of papers.

Please fill out this blank and return to us with copy of advertisement attached.

188.....

M. J. LAWRENCE:

You may insert.....Advertisement in

.....weeks at \$.....per week.

STATE COLLEGE of KENTUCKY

Fifteen Professors and Instructors.

Agricultural and Mechanical, Scientific, Engineering, Classical, Normal School and Commercial Course of Study.

—COUNTY APPOINTEES RECEIVED FREE OF TUITION.—

Fall term begins Sept. 10th, 1884. For Catalogue and other information Address JAMES K. PATTERSON, Ph. D., Lexington, Kentucky.

840

Rates for Advertising.	
EACH INSERTION.	
Regular Ads.	30 cents per line.
Reading notices.	\$1.00
Business Notices.	50 "
AGATE MEASUREMENT, 14 LINES TO AN INCH.	
DISCOUNTS.	
The following discounts will be made on orders amounting to	
On \$40 and under \$100.	10 per cent.
" 100 " " 200.	15 " "
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" 300 " over.	25 " "
NO DEVIATION FROM ABOVE RATES.	

ESTABLISHED 1848

OFFICE OF

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THE OHIO FARMER

A WEEKLY

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You may insert.....Advertisement in

THE OHIO FARMERweeks at \$.....per week.

Signed.....

least have a railroad survey, and think it
ly a question of time when the road will
e built.

Hernando is not a city or village, but
erely a settlement. It extends five or
x miles on the west side of Chalo Apopka
ke, which is a very pretty body of water
eighteen miles long and from one-half to
ar miles wide, and is filled with choice
h. We have mostly high rolling
ed heads.

bracing its nume
magnolia, walnut,
ory, cedar, cypress
and post oaks, I
wild peach, chine
other smaller va
mention. These
different portions
character of the

840

PLEASE TAKE TIME TO READ THESE
TESTIMONIALS.

We give below the sentiments of a few prominent and reliable parties who have voluntarily given their experience in advertising in THE OHIO FARMER. As we never have directly or indirectly, solicited anything of this kind from an advertiser, the importance and truthfulness of the following certificates can be relied upon. Their widely separated localities and distinct fields of trade show the extensive territory covered by the circulation of THE OHIO FARMER. These are only samples of the many hundreds of similar ones, and have been selected to make a variety of the different kinds of advertising for which we claim THE OHIO FARMER is especially adapted, and in value has no superior, as an advertising medium, in the United States.

- Inclosed find check for amount of bill. We would further say that THE OHIO FARMER is the best advertising medium in this country, and we feel that it was money well spent, as we are receiving large numbers of orders from far and near for the Empire Evaporators, and they all say they "saw you ad." in THE OHIO FARMER.
Yours as ever,
Dillon Bros., Normal, Ill.
- We take pleasure in saying that our advertisement in THE OHIO FARMER has paid us well, and we shall certainly be with you again on the arrival of our this year's importation of Norman horses. You have done us good, for which we are a thousand times obliged.
Yours as ever,
J. C. Leaning & Son, Wilmington, O.
- Since the insertion of my seed corn ad. in THE OHIO FARMER letters with orders are coming by the score every mail. If the storm continues many more weeks I shall have to order my seed taken out. I can say without exaggerating, from experience in advertising, that a person having nothing to sell will meet with five times as many chances to sell through THE FARMER as any other publication in the country.
J. C. Leaning & Son, Wilmington, O.
- My little advertisement of Messrs. Taylor in THE OHIO FARMER has brought me many hundreds of orders from all over this country, from New York to Nebraska, and I feel well satisfied with it. From a stock of 1,500 bushels I have but little left and it is going very fast. I have also filled orders for several hundred bushels from Canada. I shall choose THE OHIO FARMER for my future advertising in preference to any other paper.
C. Leet, Mooresville, Pa.
- The advertisement for seed corn has nearly sold me out of seed.
John Zarbach, Somerville, O.
- Inclosed please find draft to pay for my advertisement in your paper. My ad. in your paper brought about three times as many letters of inquiry as any other paper I have advertised in.
James J. Davis, Peoria, Kan.
- Inclosed find check for amount of my advertising bill. I am well satisfied with the result of my advertisement in THE OHIO FARMER, as it has paid me well.
E. W. Davis, Oneida, N. Y.
- We have had for several weeks a two-line ad. in your paper of farms to sell, also in several other agricultural papers; but must say we have received far more letters of inquiry from our ad. in your paper than from any other source.
Gordon & Ramsey, Madisonville, Ky.
- M. J. Lawrence, Esq.—Dear Sir: * * * We shall now be short at least two thousand machines. Our trade this season is far ahead of any 125,000 year, caused in large part by the good work you have done for us in THE OHIO FARMER. Please accept our thanks.
Yours respectfully,
Whitley, Essler & Kelley, Springfield, O.
- M. J. Lawrence, Esq.—Dear Sir: We regard THE OHIO FARMER as one of the very best advertising mediums in the United States, and feel that our advertisement in it paid us well. We have received more inquiries from those who have seen our advertisement in THE OHIO FARMER this year than from all other papers combined, and we are advertising in THE OHIO FARMER for the future.
Yours,
Gale Manufacturing Co., Albion, Mich.
- The following is from an old established, extensive and reliable firm, who do their business very systematically, and know what they say:
St. Louis, Mo., April 26, 1881. M. J. Lawrence: A notice of our Big Giant Feed Mill, only two insertions in your paper last fall, brought us orders for 100 tons, resulting in positive sales to the amount of over \$3,500, from the readers of THE OHIO FARMER up to this date, which we call good evidence of the value of your paper as an advertising medium. We have been extensive advertisers for many years, and keep in account with each paper in which we advertise so we can arrive at definite results, and take pleasure in saying that THE OHIO FARMER has no superior as a paying medium for us.
Yours,
J. A. Field & Co.
- M. J. Lawrence, Esq.—Dear Sir: I wish to make the unaltered statement that THE OHIO FARMER has paid me better than all other papers combined in 1882, and I have advertised in nearly one hundred and fifty papers during the year.
Respectfully yours,
Geo. A. J. for Boomer & Boeshart Press Co., Detroit, Mich.
- M. J. Lawrence, Esq.—Dear Sir: We are very much pleased with THE OHIO FARMER as an advertising medium, and shall certainly use your columns more.
Very truly yours,
V. & M. Gibbs, Homer, Mich.
- M. J. Lawrence, Esq.—Dear Sir: Having advertised extensively for many years in the very best papers in the United States, we have found THE OHIO FARMER to be one of the very best in the whole list.
The Thomas S. Harrow Co., Geneva, N. Y.
- The Syracuse Chilled Plow Co., of Syracuse, N. Y., who have been liberal advertisers in all the leading agricultural papers, voluntarily say that "THE OHIO FARMER has proved to be a good paying medium for us in fact, one of the very best that we ever used."
Yours truly,
W. L. Brown, New Lisbon, O.
- M. J. Lawrence, Esq.—Dear Sir: I advertised my Pioneer Mill in THE OHIO FARMER, the New York Tribune, and over 100 country papers in Pennsylvania last year, and THE OHIO FARMER made me more money than all the others combined. That is why I want more of the same kind.
Yours truly,
W. L. Brown, New Lisbon, O.
- M. J. Lawrence, Esq.—Dear Sir: Our advertisement in THE OHIO FARMER has been a good paying investment for us. Has sold us entirely out of everything for sale.
Mills & Green, Condit, O.
- M. J. Lawrence, Esq.—Dear Sir: Enclosed find draft for the amount of my bill. I am more than pleased with the result of my advertising in THE OHIO FARMER as it has paid me many times its cost.
Yours,
Ed. R. Barney, Dayton, O.
- Inclosed find draft in payment of advertising bill. Please continue our advertisement during March and April. It is the best paying advertisement we have ever had, and you may rest assured you shall have it again next season.
Edwards Mfg Co., Waltham, Mass.
- M. J. Lawrence, Esq.—Dear Sir: We are deriving great benefit from our advertisement in your most valuable journal and we are already assured that the money spent in advertising in THE OHIO FARMER is going to pay us abundantly.
Rees, Trueman, Platt & Co., Oswego, N. Y.
- M. J. Lawrence, Esq.—Dear Sir: I volunteer to say that I consider THE OHIO FARMER the very best paper in the country to advertise in, as it is bringing me plenty of customers.
H. S. Ross, Seneca, O.
- M. J. Lawrence, Esq.—Dear Sir: I have been advertising my Seed Potatoes in THE OHIO FARMER and it has brought me an abundance of orders from all sections from West Virginia to Wisconsin. I think it the best paper to advertise in that there is in the United States.
Yours,
S. H. Kinschard, Rich Hill, Knox Co., O.
- M. J. Lawrence, Esq.—Dear Sir: Inclosed find money to continue my advertisement. It has proved a success, and I believe the best thing I ever did was to advertise in THE OHIO FARMER.
J. J. Harbison, Columbus Grove, O.
- Messrs. Gibson & Bennett, the well-known nurserymen of Woodbury, N. J., say: "THE OHIO FARMER has always been a good paying advertising medium for us, and we should deem it unwise to omit it."
Messrs. Gibson & Bennett, Woodbury, N. J.
- Mr. B. L. Wood, of Doe Run, Pa., writes "that of all the fourteen papers that I advertised my Seed Wheat in, THE OHIO FARMER has paid me best, by far."
B. L. Wood, Doe Run, Pa.
- The following are some others who have written us similar letters to the above: Fitch, Walling & Co., Appleton, Ind.; E. B. Cassidy, Springfield, O.; D. M. Mages Co., Oxford, O.; J. V. McElroy & Son, Smithfield, O.; Joseph Farmer, Fushing, O.; G. W. Gilbert, Wellington, O.; J. Douthett, Seneca, O.; A. C. Northrup, Chilesville, O.; W. C. Armstrong, Bolivar, O.; R. O. Hawkins, Burke, O.; James Douglass, Cleveland, O.; Willard Pope Co., Batavia, N. Y.; A. V. Road, Windham, O.; C. C. Gardner, Fremont, O.; S. D. Dwyer, Geneva, Ill.; Henry Phillips & Son, Toledo, O.; J. V. Henry, Blue Bell, O.; Broderick & Trotter, Salem, O.; J. A. Halsey, Medina, O.; A. Underwood, Adolphus, Mich.; Wm. L. Brinkley, Ashtabula, Pa.; E. J. B. Co., Columbus, O.; Samuel Taylor, Grove City, O.; O. E. Chamberlain, Tiffin, O.; Wm. F. Patterson, Maumee, O.; J. P. Bates, Berlin, A. Hesse, Grant, Indiana, O.; D. W. Farmer, Perry, O.; A. G. Barker & Co., North Ridgway, N. Y.; Clark Pettit, Salem, N. Y.; Sample Bros., Van Wert, O.; O. H. Gilman & Co., Akron, O.; Remond Tobr., Quincy, Mich.; L. S. & W. B. Hall, Wakarusa, O.; L. E. Parrott, Dayton, O.; Cleveland Provision Co., Cleveland, O., and hundreds of others.

We refer to any and all of the above parties as to the truthfulness of these statements. THE OHIO FARMER is closely read every week in not less than SIXTY-FIVE THOUSAND HOMES by the most wealthy, enterprising and prosperous of the rural population, most of whom see no other agricultural paper. It is a first-class paper and goes into the hands of a class of readers who are enterprising enough to want and able to buy what is new or desirable for their use or comfort.

Awaiting your commands, I am very respectfully yours,
M. J. LAWRENCE,
Editor and Proprietor.

Wholesale & Retail Dealers in
PUMPS,
 GAS AND KEROSENE
Chandeliers & Lamp
GOODS,
 Iron, Lead, Gum and Steam
 Pipes, Steam Gauges,
 Valves and Whistles,
 Baths, Water Closets, and
 all Plumbing Materials.

Agents for Springfield Gas Machine.

Pennsylvania Printing Co.

LEXINGTON, KY.,

Jan 1st 1885

M. A. & H. College

Bought of J. M. ROCHE & Co.,
 PLUMBERS,

GAS AND STEAM FITTERS,

13 N. MILL STREET.

Sept 22	3/4 Slope Cock 1 ²⁰	3/4 Cup 40	1 60		
	3 # Solder	90	90		
	10 in Rubber gasket		50		
	1 1/4 day time		1 20		
Oct 15	To Rep Closets Pipes				
	1 New diaphragm				
	two 9 Haul		2		
	Oct Cock		50		
Nov 16	Burn Cock 25	3 Burn 75	1		
25	3" Bush 40	12" Cup 45	85		
	1 1/2 day time	up to dark	7 00		
27	2" R & L Hand Socket 75	turn 12	1 95		
29	New Closet		25 00	49 05	

47-M-44
881

J. M. ROCHF & CO.

PHILADELPHIA

PAID BY THE POST

NOV 11 1881

Wm. C. Adams

44 5 11 4 05
at 4 Ad. Co

STATEMENT.

LEXINGTON, KY.

188

Mr. J. K. Patterson

IN ACCOUNT WITH BASSETT, WATKINS & CO.,

DEALERS IN

BOOTS AND SHOES,

1885

Terms

No. 20 EAST MAIN STREET.

Byrnes, printer

Jan 1

Antofel

6 75

Lexington, Ky., Aug 1st 1885-

Mc A. G. M. Colbace

To James Rumsey, Dr.

WAGON MAKING and BLACKSMITHING,

All Kinds of Repairing Done on Short Notice, and Satisfaction Guaranteed.

1884

Shop:---No. 124 East Short Street.

Transylvania Printing Company, Lexington.

May	23	To Sharpen 4 Plows	\$ 60	
June	26	" Strap 4 Shovels	60	
July	15	" File & Set Saw	30	
"	17	" Mend Pittman & Put in Brass	60	
"	19	" Set 4 Lines & Wedge Box	3 50	
Aug	11	" Weld & Sharpen Plow (make 2 Bolls & Sharpen Skeath	1 50	
Sept	23	" New Loung in Wagon & Sharpen Plow	2 30	
"	25	" Paint & Sharpen	1 00	
"	27	" Sharpen Plow & Paint Plow	75-	
Oct	14 & 17 & 24	To Repair on Shovels 50¢ Splice Piston Rod Gate Latch Hook 60¢ 1 Bolls 225-	3 35-	
Nov	17	To Repair Scoop	50	
Dec	12	" 1 Rod Piece 1 Rod 4 Laplinks 2 Staples & 2 Lail Pints	1 40	
			\$ 16.40	

47-M-64

WAGON MAKING AND BLACKSMITHING
The Kings of R. Halling, Sons and Sons, Ltd. London, E.C.4

A. R. M. College

9/2
\$16.40

Lexington, Ky. Jan 1, st/_{th} 1885

Mr. Trust J. N. Patterson



JOHN H. WERTS,

MANUFACTURER AND DEALER IN

MEN'S, BOYS' & CHILDREN'S CLOTHING,

→ FURNISHING GOODS, TRUNKS, UMBRELLAS, CANES, & C. ←

MAIN STREET, OPPOSITE COURT HOUSE,

Salesman

1884

Wm. Parrish, Bookseller & Printer, Lex., Ky.

Oct 18	2 Suits Camel Hair Underware	\$10.00
--------	------------------------------	---------

SHIPPING INFORMATION.

IT may perhaps be unknown to some that certain Railroad Lines have special days for the shipment of Naphtha and Gasolene; and delays frequently occur in filling orders for these goods, owing to buyers not being informed upon this matter.

WE append, therefore, a list of the principal railroads, together with their receiving days; and, in order to insure prompt shipment, buyers should arrange, as far as possible, to let us have their orders not later than the preceding day.

New Jersey & New-York.	} Monday only.
N. Y. & Greenwood Lake.	
N. Y., Lake Erie, & Western.	
N. Y., Ontario, & Western.	
N. Y., Susquehanna, & Western.	
N. Y., West Shore, & Buffalo.	} Every day.
Northern of New Jersey.	
Pennsylvania.	
N. Y. City & Northern—Monday and Thursday.	
N. Y. & Harlem—Tuesday and Thursday.	
N. Y. Central & Hudson River—Wednesday and Friday.	
Central of New Jersey.	
Central Vermont.	
Delaware, Lack. & Western.	
Lehigh Valley.	
Long Island.	} Every day.
New Jersey Southern.	
N. Y. & New England.	
N. Y., New Haven, & Hartford.	
Philadelphia & Reading.	

New-York, January 1, 1885.

WE are pleased to announce to our patrons that the recent fire (on December 21st) at our refinery, though destroying a large amount of property, occurred at, and was confined to, that portion of the works devoted to the Export Shipping Branch of our business.

OWING to the hour at which the newspapers went to press, the loss and damages were greatly exaggerated.

THE Main Buildings, the Stills, and the Domestic Packing Department are intact. There will, therefore, be no delay in filling orders for Gasolene, Naphtha, and Astral Oil. The burned portion of the works will be rebuilt at once.

WE take this occasion to express our thanks for the many expressions of sympathy received from all quarters. It is gratifying to have these evidences that our efforts to supply the highest grades of goods are recognized and appreciated. For their support in the past we thank our numerous patrons, and we hope to be the recipients of their favors during the present year.

Wishing to all the compliments of the season, we are,

Respectfully,

Pratt Manufacturing Co.

46 Broadway, New-York.

PRATT'S

Patent Prepared

GASOLENE.

NEW-YORK, JANUARY 1, 1885.

WE will supply consumers of Gasolene with this well-known brand at the following prices:

	Single Bbl.	10 Bbls. and over.
86° grav.	16 cents.	15 cents.
88° "	18 "	17 "
90° "	21 "	20 "

No charge for barrels or cartage.

EMPTY PACKAGES.—For such of the empty barrels as may be returned to us in good order we will allow customers \$1.25 each, delivered in New-York; thus making the cost of the fluid itself 2½ cents per gallon less than the prices named above.

AFTER an experience of more than fifteen years in the manufacture and sale of this article, during which time we have furnished *fully four-fifths of the entire quantity consumed in this market*, we thoroughly understand the requirements of customers, and respectfully solicit the patronage of those who desire *strictly reliable* goods.

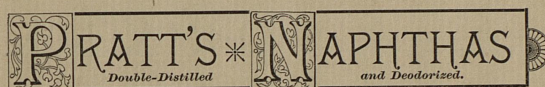
Address all orders and correspondence to

PRATT+MANUFACTURING+CO.

OFFICES, 46 BROADWAY, NEW YORK.

Refinery, North 12th Street, Brooklyn, E. D.

REDUCTION IN PRICES.



New-York, January 1, 1885.

WE quote these thoroughly reliable goods at the prices named below (subject, of course, to any changes in the market):

	Single Bbl.	10 Bbls. and upward.
62° grav.	9 cents.	8½ cents.
70° "	9 "	8½ "
76° "	10 "	9½ "

No charge for barrels or cartage.

DOUBLE-DISTILLED, 70° and 76° gravities, we quote ½ cent per gallon less than the Deodorized.

EMPTY PACKAGES.—An allowance of \$1.25 each will be made for such of the empty barrels as may be returned to us in good order at New-York.

CUSTOMERS may entrust their orders to us and rely upon their being filled promptly and with strict attention to their wishes.

Address all orders and correspondence to

PRATT MANUFACTURING CO.

Offices, 46 Broadway, New-York.

Refinery, North 12th St., Brooklyn, E. D.

Albany, Ky.,
Jan. 2 - 1856.

Mrs. Jos. H. Patterson - Dear Sir:

Please pay \$30.⁰⁰ of the amount inclosed
to Dr. S. Evans, (the physician who attended
me last winter) and the remaining \$12.⁰⁰
to the Sister Superior (Sister Euphrosia)
St. Joseph's Hospital, with my thanks and
gratitude to each.

Very Respect.

H. C. Jones.

P.S.

My School has been tolerably
good this fall & winter. I think the
prospects are flattering for a good
School the next five months.
I'm enjoying fine health.

Respect

H. C. Jones

CHESS-CARLEY COMPANY,
DEALERS IN
OILS AND NAVAL STORES.
JNO. C. WHARTON, Special Agent.

Lexington, Ky. Jan 6th 1885

State College of Ky
City

We to-day Credit your account as follows:

For 10 Mt Bbls recd this day
reduction of 15¢ on account
of Bung holes in Bbls
10 @ 80 ¢

8 00

ENTRY

J. E.

CHESS-CARLEY COMPANY.

By

H. S. Winans

[No. 7, JANUARY, 1885-'86.]

SUMMARY STATEMENT OF THE IMPORTS AND EXPORTS OF THE UNITED STATES

For the MONTH ending JANUARY 31, 1886, and for the SEVEN MONTHS ending the same, compared with the corresponding periods of 1885. (Corrected to February 26, 1886.)

IMPORTS OF MERCHANDISE.

[Abbreviation: n. e. s., not elsewhere specified.]

ARTICLES.	QUANTITIES.				VALUES.			
	Month ending January 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—	
	1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.
FREE OF DUTY.								
ANIMALS, n. e. s.:					<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Cattle.....No..	1, 117	688	13, 082	14, 470	47, 949	88, 126	398, 691	746, 569
Horses.....No..	552	541	8, 964	9, 047	86, 870	70, 350	1, 308, 574	1, 254, 563
Sheep.....No..	7, 434	151	8, 747	1, 580	7, 077	4, 205	32, 157	28, 982
All other, including fowls.....					18, 330	12, 578	191, 449	188, 949
Total.....					160, 226	175, 259	1, 930, 871	2, 219, 063
Articles, the growth, produce, or manufacture of the United States, returned.....					464, 085	487, 132	5, 633, 158	3, 767, 457
Art-works, n. e. s.: Paintings, statuary, fountains, and other works of art, the production of American artists.....					39, 294	21, 478	256, 557	281, 686
Asphaltum or bitumen, crude.....lbs..	1, 772, 050	2, 687, 504	25, 413, 499	26, 768, 764	1, 873	8, 414	46, 842	62, 923
Bark, hemlock.....cords..	4, 846	3, 274	34, 011	41, 379	22, 693	14, 658	158, 349	202, 311
Bolting-cloths.....					12, 907	20, 599	142, 390	184, 776
Books and other printed matter, n. e. s.....					49, 303	60, 456	460, 056	463, 174
CHEMICALS, DRUGS, AND DYES, n. e. s.:								
Alizarine, natural or artificial.....lbs..	208, 469	145, 520	1, 696, 608	944, 027	36, 400	34, 460	363, 616	271, 488
Argal, or argol, or crude tartar, and argol dust.....lbs..	1, 539, 566	1, 372, 104	8, 920, 577	9, 477, 419	261, 417	219, 154	1, 427, 585	1, 532, 568
Barks, Cinchona, or other, used in the manufacture of quinia.....lbs..	223, 002	368, 879	3, 293, 158	2, 320, 142	50, 968	95, 523	728, 065	654, 985
Cochineal.....lbs..	33, 017	74, 007	475, 154	554, 038	10, 201	23, 034	139, 700	138, 621
Dye-woods in sticks—								
Logwood.....tons..	6, 293	6, 134	51, 914	35, 443	101, 723	97, 080	878, 468	547, 238
All other.....					12, 625	12, 496	154, 471	113, 566
Total.....					114, 348	109, 576	1, 032, 939	660, 804
Gums—								
Arabic.....lbs..	214, 389	267, 691	935, 416	905, 832	27, 130	52, 271	193, 694	176, 352
Camphor, crude.....lbs..	78, 792		486, 989	1, 352, 186	8, 426		50, 157	134, 580
Catch, or catechu, and terra japonica, or gambia.....lbs..	527, 150	1, 645, 023	16, 018, 361	10, 448, 735	23, 377	66, 292	607, 036	477, 073
Shellac.....lbs..	261, 269	475, 638	2, 240, 938	1, 371, 103	38, 288	71, 478	323, 540	208, 272
All other gums and gum-resins, n. e. s.....lbs..	1, 110, 255	1, 572, 784	7, 891, 966	10, 023, 629	203, 386	172, 104	1, 047, 631	1, 208, 900
Total.....					300, 607	362, 145	2, 222, 058	2, 205, 177
Indigo.....lbs..	146, 472	101, 349	620, 664	504, 822	110, 100	81, 050	368, 041	346, 718
Lime chloride of, or bleaching-powder.....lbs..	6, 895, 328	6, 126, 721	52, 989, 389	52, 617, 418	93, 530	94, 493	742, 727	860, 135
Licorice-root.....lbs..	7, 097, 953	2, 412, 353	35, 512, 598	16, 296, 823	161, 947	53, 061	749, 156	355, 761
Mineral waters, all not artificial.....galls..	36, 812	60, 853	889, 044	864, 132	9, 370	23, 112	220, 890	217, 466
Potash, muriate of.....lbs..	6, 311, 931	2, 365, 488	28, 770, 548	20, 647, 714	99, 326	38, 367	446, 426	309, 381
Quinia, sulphate of, salts of, and cinchonidia.....oz..	196, 915	202, 457	1, 127, 011	1, 302, 669	92, 473	152, 665	590, 681	1, 060, 758
Soda, nitrate of.....lbs..		1, 782, 000	51, 863, 663	75, 875, 823		27, 443	764, 253	1, 154, 781
Sulphur, or brimstone, crude.....tons..	5, 768	5, 032	71, 292	65, 883	103, 849	96, 174	1, 376, 896	1, 325, 893
Vanilla beans.....lbs..	396	318	72, 872	69, 754	512	1, 012	333, 166	306, 655
All other.....					277, 378	231, 640	2, 061, 849	1, 930, 725
Total.....					1, 722, 426	1, 642, 909	13, 568, 048	13, 331, 916
Cocoa, or cacao, crude, and leaves and shells of.....lbs..	940, 430	539, 523	6, 678, 790	6, 032, 115	108, 435	72, 342	919, 013	774, 433
Coffee.....lbs..	48, 282, 345	44, 252, 342	304, 479, 234	306, 974, 529	3, 561, 699	3, 584, 991	22, 842, 174	25, 188, 543
Coir yarn.....lbs..		69, 696	1, 361, 807	2, 856, 289		2, 941	48, 004	100, 107
Cork-wood, or cork-bark, unmanufactured.....lbs..					36, 080	68, 167	493, 694	485, 415
Cotton, unmanufactured.....lbs..	318, 862	277, 255	2, 502, 420	2, 805, 501	45, 831	45, 874	370, 731	569, 786
Diamonds, rough or uncut, including glaziers' diamonds.....					20, 906	18, 240	169, 399	231, 171
Eggs.....doz..	664, 034	625, 854	10, 794, 414	11, 728, 467	121, 915	120, 771	1, 589, 363	1, 960, 040
Farinaceous substances, and preparations of, n. e. s.....					40, 758	40, 044	396, 714	340, 816
FERTILIZERS:								
Guano.....tons..	1, 683	2, 832	10, 087	14, 311	70, 766	131, 353	285, 359	205, 537
Phosphates, crude or native, for fertilizing purposes.....tons..	6, 279	3, 941	31, 047	15, 067	76, 731	44, 155	368, 200	195, 067
All other.....					140, 959	49, 361	793, 857	529, 075
Total.....					288, 456	224, 860	1, 447, 416	1, 029, 679

^a See dutiable fish.

Total

IMPORTS OF MERCHANDISE.

[illegible]

ARTICLES.		QUANTITIES.				VALUES.			
		Month ending January 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—	
		1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.
SILK, MANUFACTURED, &c. &c.									
Unbleached, or raw.	lb.	14,554	234,715	999,393	1,848,809	17,379	273,959	1,083,363	1,966,158
Altogether.	lb.					27,008	273,959	1,083,363	1,966,158
Total.						45,009	348,448	1,453,146	5,066,295
RILE, MANUFACTURED OF.									
Clothing, hats, and other wearing apparel.	do.					18,120	15,023	274,739	108,411
Shades and piece goods.	do.					1,187,411	1,157,482	6,834,706	5,311,885
Laces.	do.					127,413	128,640	601,359	751,791
Embroid.	do.					127,413	128,640	601,359	751,791
Buttons.	do.					2,938,515	2,938,515	6,000,732	6,000,732
Altogether.	do.					2,938,515	2,938,515	18,003,996	18,003,996
Total.						3,183,959	3,281,660	19,271,535	19,271,535
SOAP.									
Essence, perfumed, and all descriptions of toilet soap.	do.	33,976	21,200	209,507	161,721	12,385	8,596	97,241	140,475
Altogether.	do.					33,976	21,200	97,241	140,475
Total.								97,241	140,475
SPICES, GROUND.									
Black pepper, and all varieties of pepper.	do.	63,911	49,128	431,565	316,743	16,915	13,383	99,356	96,400
Total.								99,356	96,400
SPICES, PEPPER, AND SPICES COMPOUND.									
Black pepper, and all varieties of pepper.	do.	31,899	26,468	263,738	199,611	86,131	62,873	691,596	716,414
Altogether.	do.	73,899	60,711	567,762	441,203	161,263	119,757	1,383,192	1,432,828
Total.						148,369	182,630	2,074,788	2,149,242
SPONGES.									
Sugar, molasses, sugar candy, and confectionery.	do.	81,730	311,486	6,819,562	4,484,183	11,891	76,703	1,760,182	274,071
Altogether.	do.					11,891	76,703	1,760,182	274,071
Total.								1,760,182	274,071
TANNING, HIDE, AND MANUFACTURES OF.									
Altogether.	do.	118,944,045	158,054,045	679,263,045	1,038,478,045	3,382,199	5,554,991	37,373,331	67,471,045
Total.								37,373,331	67,471,045
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[illegible]

[Abbreviation: n. e. s., not elsewhere specified.]

ARTICLES	QUANTITIES.				VALUES.			
	Month ending January 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—	
	1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.
					<i>Dollars.</i>		<i>Dollars.</i>	
AGRICULTURAL IMPLEMENTS.								
Shoe powers and parts of					71,068	70,593	1,527	40,000
Plows and cultivators, and parts of					15,065	15,065	454,465	402,000
All other					22,118	25,118	75,093	630,000
Total					108,251	110,776	1,441,885	1,072,000
ANIMALS.								
Cattle	No.	9,122	11,718	71,608	72,345	872,383	6,717,394	6,028,078
Horses	No.	5,556	6,370	38,191	35,290	96,851	66,000	40,000
Swine	No.	730	833	3,083	21,603	9,773	53,148	29,000
Mules	No.	250	185	10,875	10,875	25,032	26,967	18,175
Sheep	No.	4,900	10,000	188,979	147,275	3,750	1,000	10,000
All other, and fowls	No.							
Total					1,032,500	1,236,402	7,056,799	5,661,940
ARTS, MANUFACTURES, AND STATUARY.								
Tools, and extract of, for tanning					5,954	5,988	72,847	20,000
Blind and put of blinds and apparatus					21,411	1,745	4,588	18,000
Hacking					12,602	10,652	37,079	98,000
Ropes, horse, horse and wire, strips and waste					116,555	116,555	709,729	671,000
Books, maps, engravings, and other printed matter					8,303	4,841	81,738	231,000
Trunk, and manufactures of								
Total					254,825	239,782	1,575,039	1,038,000
BREADSTUFFS.								
Wheat	bush.	16,465	19,955	137,230	568,370	11,543	9,473	187,125
Rye and biscuit	do.	1,161,555	1,662,322	10,316,318	8,808,415	2,641,034	3,536,250	18,858,641
Indian corn	do.	6,125,861	6,682,522	30,481,356	26,893,561	8,000,000	10,000,000	50,000,000
Indian corn meal	blsh.	21,251	25,000	5,210,705	5,554,641	88,897	72,254	179,000
Barley	bush.	200,000	200,000	200,000	200,000	1,000,000	1,000,000	675,000
Oatmeal	blsh.	1,400,000	1,400,000	25,250,000	2,500,000	117,139	86,747	1,064,000
Rye	blsh.	721	721	721	721	721	721	721
Wheat flour	bush.	4,272,201	10,556,000	63,175,737	3,588,789	8,771,867	23,364,515	40,000,000
Wheat meal	bush.	1,000,000	1,170,000	4,000,153	3,183,867	5,826,139	8,000,000	10,000,000
Total					17,868,225	25,924	75,000,000	100,000,000
All other breadstuffs, and preparations of, used as food					7,758,892	18,251,575	66,298,942	100,000,000
BRICKS.								
Building	M.	324	319	2,873	4,227	5,348	3,343	17,627
Pav.					1,477	1,477	30,408	16,000
Total					6,025	4,825	33,075	31,000

EXPORTS OF DOMESTIC MERCHANDISE.

ARTICLES.	QUANTITIES.				VALUES.			
	Month ending January 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—	
	1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.
					Dollars.	Dollars.	Dollars.	Dollars.
Broom corn					11,579	6,602	44,775	59,807
Brooms and brushes					1,827	11,253	92,507	95,667
Candles	115,007	229,003	888,348	1,061,979	15,097	28,044	99,921	127,092
Coffees, green and ripe, for steam railroads	43	39	844	272	109,092	106,553	492,473	503,984
Carrriages and horse cars, and parts of					3,399	17,662	409,019	251,738
Cars, passenger and freight, for steam railroads					29,656	26,789	429,751	376,455
Chemicals, drugs, oils, and medicines								
Acids					11,579	6,602	44,775	59,807
Alkalis, pot and soda	30,459	31,373	238,707	425,424	1,827	11,253	92,507	95,667
Dyes and dyestuffs					15,097	28,044	99,921	127,092
Fluorescing	46,531	53,227	326,858	232,462	191,256	49,038	749,498	453,229
Medicines, patent or proprietary					196,753	125,867	735,219	769,119
Roots, berries, and bark, n. s.					8,891	4,839	37,041	74,371
All other					129,834	169,871	1,605,698	1,077,185
Total					379,761	277,481	3,019,820	2,808,438
CLOCKS AND WATCHES								
Clocks and parts of					89,893	78,411	647,505	706,561
Watches and parts of					18,347	13,208	118,769	77,498
Total					108,239	91,619	766,263	784,249
COAL								
Anthracite	4,445	7,090	485,387	439,054	18,476	28,134	1,836,756	1,911,971
Bituminous	38,040	33,107	225,879	479,139	105,949	105,091	699,772	1,536,373
Total					119,222	133,225	2,536,528	3,448,344
Coffee and cocoa, ground or prepared, and chocolate					6,732	3,108	36,263	60,572
COPPER AND MANUFACTURES OF								
Copper	1,774	3,046	77,303	25,423	190,574	432,096	1,919,899	5,021,836
Manufactures of					220,349	506,884	1,922,769	2,681,645
Ingots, bars, and old	2,120,173	4,851,084	18,871,690	20,523,673	1,000,000	1,000,000	1,000,000	1,000,000
Sheet					5,981	6,199	75,438	36,100
All other manufactures of					220,738	512,514	2,004,860	3,753,053
Total					2,120,173	4,851,084	18,871,690	20,523,673
COTTON AND MANUFACTURES OF								
Cotton	972,109	803,568	1,011,245	2,888,109	104,621	219,599	516,923	785,379
Manufactures of	236,450,963	262,434,708	1,139,572,050	1,054,268,937	22,629,570	27,936,637	131,283,399	153,955,896
Other manufactures of					21,134,591	26,155,997	131,797,823	186,349,375
Total					238,425,662	270,404,204	1,349,319,745	1,545,290,654
MANUFACTURES OF								
Colored	4,348,014	2,681,319	25,479,320	19,035,371	571,333	200,174	1,938,919	1,382,639
Uncolored	15,869,961	15,210,075	82,489,229	59,560,463	967,789	809,984	5,872,447	4,231,544
Wearing apparel					44,911	2,323	227,580	144,109
All other manufactures of					75,112	95,413	619,639	838,940
Total					1,378,178	1,905,901	7,667,649	6,566,229
HARDWARE, STONE, AND CHINA WARE								
Hardware					6,021	6,284	87,273	71,983
Stone and china ware					157	1,175	8,092	6,432
Total					6,178	7,459	95,365	78,415
EGGS	9,451	22,432	114,234	191,019	2,270	5,396	27,499	30,846
FACTORY ARTICLES								
Factory articles					18,219	33,971	165,129	156,419
Factory					8,902	2,479	96,172	47,891
All other					35,309	30,971	222,754	232,949
Total					53,528	67,421	383,955	337,259
FERTILIZERS	2,620	8,019	91,534	71,569	29,664	54,991	591,119	481,729
FISH								
Salmon, dried, smoked, and cured, including haddock, mackerel, pickled	1,144,309	1,770,331	8,745,034	10,948,026	44,115	66,540	238,613	419,092
Salmon, canned	2,719	1,673	16,115	10,729	11,716	19,298	82,691	67,044
Other					74,975	62,971	1,636,820	1,839,398
Fish, fresh, n. s.	70,909	141,367	457,769	690,365	2,892	5,396	24,723	30,846
Fish, dried, smoked, and cured, n. s.	972,536	395,485	3,772,029	8,498,092	14,798	15,611	158,298	186,714
Fish, pickled, n. s.	2,306	3,089	18,893	21,724	18,679	14,717	87,696	102,794
Shell fish					26,161	30,139	267,249	331,823
Oysters					25,361	22,185	215,777	270,691
Other					285,149	290,995	2,976,528	3,290,412
Total					24,029	37,108	154,676	244,048
FLAX, HEMP, AND JUTE, MANUFACTURES OF								
Flax	681,831	477,223	4,698,917	4,919,507	28,951	27,210	381,337	353,915
Hemp					4,722	5,772	196,617	107,825
Jute					11,052	8,181	90,278	49,850
All other					97,382	97,272	798,995	724,905
Total					1,894,124	3,008,419	4,965,406	5,116,443
FRUITS								
Apples, dried	1,894,124	3,008,419	4,965,406	5,116,443	102,090	121,279	378,237	722,281
Apples, green or ripe	8,819	66,355	561,939	559,455	192,239	150,237	1,326,497	1,344,991

EXPORTS OF DOMESTIC MERCHANDISE.

ARTICLES.	QUANTITIES.				VALUES.				
	Month ending January 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—		
	1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.	
					Dollars.	Dollars.	Dollars.	Dollars.	
FRUITS—Continued.									
Fruits, preserved—									
Canned					41,819	66,069	476,498	346,599	
Other					14,012	19,172	983,207	243,187	
All other, green, ripe, or dried					351,495	339,407	2,918,716	2,564,620	
Total					407,326	424,648	3,398,421	3,154,426	
FURS AND FUR-SKINS.									
Fur					454	800	8,487	7,742	
All other					36,500	50,693	473,978	428,257	
Total					36,954	51,493	482,465	435,999	
GLASS AND GLASSWARE.									
Window glass					50,564	50,368	427,414	494,228	
All other					4,307	8,755	41,900	44,760	
Total					54,871	59,123	469,314	538,988	
GRAPES AND GRAPE-PRODUCTS.									
Grapes or grape sugar	lbs.	251,208	242,418	1,517,220	1,262,303	6,385	8,732	41,086	44,761
Wine	do.	19,065	23,897	137,500	143,815	62,864	41,107	486,263	380,717
Grocery, grease scraps, and all non-speak	do.					11,842	49,495	486,263	380,717
Total					36,115	73,412	739,141	805,495	
GENUINE AND OTHER EXPLOSIVES.									
Gunpowder	lbs.	38,191	104,170	308,399	766,190	4,747	16,872	38,001	120,867
Other	do.					11,842	49,495	228,997	687,961
All other									
Total					16,180	106,678	365,411	708,491	
HAIR AND MANUFACTURES OF.									
Hair	tons.	1,114	379	2,178	5,944	17,009	45,444	226,344	239,471
Hides and skins, other than furs	do.					20,367	20,430	130,817	106,825
Honey	lbs.	1,603,343	491,662	16,077,165	4,101,748	11,309	47,441	1,005,955	892,967
Ice	do.	2,377	925	26,015	22,764	5,451	2,267	50,696	57,100
All other									
Total					2,907	6,842	46,563	226,687	263,363
INDIAN-ROBBER AND GUTTA-FERCHA, MANUFACTURES OF.									
Indian-robber and shoes	pairs.	2,907	6,842	66,581	61,014	8,300	52,414	54,506	56,901
All other	do.					49,889	66,612	811,612	980,999
Total					44,748	71,990	868,568	1,037,899	
INK, PRINTERS', AND OTHER.									
Printers' ink, and other	do.					5,000	6,129	52,167	47,311
Other	do.					29,494	49,711	223,817	260,190
Total						34,494	55,840	276,004	307,501
IRON AND STEEL, AND MANUFACTURES OF.									
Iron	tons.					256	626	3,183	5,073
Steel	do.					1,144	600	3,135	2,848
Manufactures of	do.					45,596	137,897	923,999	730,044
Band, hoop, and screw iron	do.					4,079	1,890	366,277	191,468
Car wheels	do.					869	650	6,485	7,790
Castings, n. s.	do.					12,223	14,520	121,997	170,754
Castings	do.					18,491	179,893	1,473,787	1,138,627
Ingots, bars, and rods of steel	do.					8,990	5,418	146,129	107,820
Tools, hammers, and other builders' hardware	do.					68,490	72,395	700,960	672,289
Machinery	do.					456,432	491,087	5,831,247	4,497,606
Nails and spikes	do.					66,341	111,746	504,422	678,889
Plates and sheets	do.					5,881	7,901	27,323	206
Of steel	do.	66,341	111,746	504,422	678,889	5,007	14,967	16,020	27,528
Of iron	do.	5,881	7,901	27,323	206	9,116	3,403	88,798	10,500
Of steel	do.					1,144	600	3,135	2,848
Of iron	do.					4,079	1,890	366,277	191,468
Saws and tools	do.					8,990	5,418	146,129	107,820
Scales and balances	do.					68,490	72,395	700,960	672,289
Sewing-machines, and parts of	do.					456,432	491,087	5,831,247	4,497,606
Steam-engines, and parts of	do.					66,341	111,746	504,422	678,889
Fire-engines	do.					5,881	7,901	27,323	206
Locomotives, and parts of	do.					1,144	600	3,135	2,848
Machinery	do.					456,432	491,087	5,831,247	4,497,606
Rollers and parts of engines	do.					66,341	111,746	504,422	678,889
Wires	do.					5,881	7,901	27,323	206
All other manufactures of iron and steel	do.					291,889	426,115	4,676,082	2,966,224
Total						822,084	1,239,749	14,116,878	14,427,175
JEWELRY, AND MANUFACTURES OF GOLD AND SILVER.									
Jewelry, diamonds, and all devices and appliances for illuminating purposes						18,927	20,569	216,214	200,698
Look and manufacture of						30,273	55,322	339,689	311,667
Total						49,200	75,891	555,903	512,365
LEATHER, AND MANUFACTURES OF.									
Leather						165,959	218,135	1,318,353	1,506,207
Buff, grain, split, and all finished upper leather.						13,377	23,136	110,458	129,219
Patent or ornamented						29,269	50,602	412,568	474,908
Manufactures of						24,403	10,674	10,674	10,674
Manufactures of						46,650	41,327	285,412	273,951
Hides and skins	pairs.	37,452	111,865	118,118	111,865	118,118	111,865	118,118	111,865
Hides and saddles	do.	3,712	34,574	336,576	309,139	21,943	86,368	186,821	200,782
All other						326,977	226,403	7,740	65,298
Total						326,977	226,403	7,740	65,298
LEADS AND CEMENT.									
Lead	bbbls.	4,672	4,821	42,983	49,081	7,470	8,433	310,997	327,959
Cement	do.					29,139	1,895	43,983	36,609
To be made	do.	14,561	18,576	155,750	128,217	50,163	4,848	85,750	70,490
All other	do.	31,138	4,564	121,449	111,490	38,163	58,438	857,570	764,093
Total						104,870	73,276	1,257,320	1,179,151

EXPORTS OF DOMESTIC MERCHANDISE.

ARTICLES.	QUANTITIES.				VALUES.			
	Month ending January 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—	
	1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.
					Dollars.	Dollars.	Dollars.	Dollars.
MATERIALS AND MANUFACTURES OF:								
Unmanufactured								
Manufactures of—								
Rounding slabs					4,874	6,303	85,979	18,401
All other					18,974	14,415	174,285	168,210
Total					23,848	20,718	260,264	186,611
Matches					3,508	4,271	48,404	42,639
MUSICAL INSTRUMENTS:								
Organs	No.	427	654	5,143	5,529	28,959	48,381	312,875
Piano-fortes	No.	12	12	12	12	19,731	14,083	153,284
All other	No.	63	63	63	63	7,854	8,543	82,177
Total					51,635	68,812	536,456	578,054
NAVAL STORES:								
Resin	bbbls.	85,812	125,117	606,662	671,397	135,689	308,838	814,109
Tar	bbbls.	361	2,833	4,771	11,109	888	6,331	11,639
Turpentine and pitch	bbbls.	369	257	7,143	10,394	609	684	12,094
Total					136,579	215,696	806,422	1,231,857
Others:								
Oil—saw and waste	bbbls.	38,560	31,300	258,558	286,185	4,967	5,000	15,062
Oil—saw and waste	bbbls.	69,306,696	74,296,821	312,445,651	688,366	825,269	3,864,784	4,236,922
Animal								
Lard	galls.	51,109	52,119	338,505	389,984	57,559	56,113	378,458
Sperm	galls.	25,414	24,144	156,071	184,153	19,144	23,453	128,583
Whale and fish	galls.	18,817	20,268	106,430	124,622	22,622	12,489	179,128
Other animal	galls.	115,759	2,254	192,720	36,743	63,610	2,235	116,171
Total					133,956	190,221	695,145	751,211
Mineral, crude (including all natural oils, without regard to gravity):								
Mineral, refined or manufactured	galls.	4,552,179	7,218,307	52,583,703	54,802,164	338,157	313,921	3,947,854
Mineral, including all lighter products of distillation	galls.	488,556	1,074,723	9,967,700	10,620,521	43,773	97,156	730,171
Lard	galls.	35,854,181	27,385,744	277,220,561	2,137,897	2,471,451	24,448,887	24,386,955
Kerosene	galls.	380,886	1,063,152	7,123,336	7,171,752	147,976	1,483,935	1,491,355
Lubricating and heavy petroleum oils	galls.					16,779	27,003	141,596
Residuum (including tar and all other, from which the light bodies have been distilled)	bbbls.	5,454	12,170	53,207	82,779			18,976
Total					2,724,418	2,818,123	30,745,053	30,903,902
Vegetable:								
Custom-seed	galls.	601,878	1,037,672	2,955,192	3,120,373	324,645	443,823	1,036,056
Cloves	galls.	2,479	4,469	28,732	42,409	1,444	2,775	19,355
Volatile or essential	galls.					12,256	130,776	153,487
Other vegetable	galls.					609	2,496	23,405
Total					264,269	660,777	1,586,131	1,529,884
Ors, gold and silver bearing:								
Pauflins and pauflins	galls.	2,162,133	2,672,132	14,135,180	13,634,058	144,854	195,403	625,002
Pauflins and pauflins	galls.					14,829	25,399	135,437
Pauflins and pauflins	galls.					7,485	3,369	35,225
Pauflins and pauflins	galls.					19,175	6,264	78,797
Pauflins and pauflins	galls.					58,798	16,391	265,754
Pauflins and pauflins	galls.					16,656	65,933	680,778
Total					33,264	23,556	295,061	318,815
PROCESSED, COMPOUND, MEAT AND DAIRY PRODUCTS:								
Meat products:								
Beef, fresh	bbbls.	4,940,366	14,087,778	27,427,669	72,427,669	244,093	322,027	1,879,439
Beef, canned	bbbls.	2,686,175	4,367,063	21,443,936	611,599	1,211,154	1,284,462	7,141,967
Beef, salted or pickled	bbbls.	124,124	124,124	124,124	124,124	171,997	279,477	1,620,771
Beef, other cured	bbbls.	3,176,731	18,053	17,806,880	67,478,229	171,677	369,235	1,036,857
Mutton	bbbls.	103,894	482,491	826,498	1,674,534	8,465	45,628	185,749
Dumplings	bbbls.	44,755	38,994	308,738	206,872	3,129	5,696	33,238
Lard	bbbls.	1,831,635	2,814,774	14,562,596	18,038,720	149,156	318,958	1,724,023
Pork products:								
Beef	bbbls.	34,778,681	66,695,269	223,567,789	228,772,669	2,529,159	5,215,198	21,790,411
Pork	bbbls.	4,792,712	6,434,291	25,904,523	27,115,032	431,598	797,887	3,258,558
Lard	bbbls.	149	162,643	25,821	25,821	562,999	728,184	2,608,111
Pork, fresh	bbbls.	6,633,072	16,678,299	107,177,899	141,238,118	1,462,239	2,548,258	11,168,858
Pork, salted or cured	bbbls.	21,602,382	32,371,144	107,177,899	141,238,118	1,462,239	2,548,258	11,168,858
Poultry and game	bbbls.					63,754	80,615	498,187
All other meat products								
Dairy products	bbbls.	1,016,067	1,260,789	12,899,056	16,235,145	161,633	220,030	2,322,974
Butter	bbbls.	3,210,321	5,787,757	63,675,994	81,190,177	307,821	520,586	2,711,440
Case	bbbls.					20,132	14,791	125,934
Milk	bbbls.					6,922,189	12,483,799	54,891,859
Total						8,675,489	15,483,799	54,891,859
Quackery:								
Quackery	bbbls.	21,439	35,283	275,494	275,494	8,675	11,472	100,462
Rags	bbbls.	44,900	89,800	1,190,661	1,190,661	7,310	10,122	100,462
Blue	bbbls.	37,307	74,614	1,190,661	1,190,661	7,310	10,122	100,462
Salt	bbbls.	17,396	34,792	440,588	440,588	1,468	1,957	19,572
Sauces	bbbls.	286,669	1,760,169	868,284	16,726,091	25,762	156,156	83,715
Cheese	bbbls.	17,396	34,792	440,588	440,588	1,468	1,957	19,572
Other	bbbls.							

EXPORTS OF DOMESTIC MERCHANDISE.

ARTICLES.	QUANTITIES.				VALUES.			
	Month ending January 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—	
	1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.
					Dollars.	Dollars.	Dollars.	Dollars.
Seeds—Continued:								
Timothy	bbbls.	283,180	492,719	1,471,397	2,264,831	13,268	22,841	100,922
All other	bbbls.					48,346	92,845	234,559
Total						66,676	200,956	1,446,665
SILK, manufactures of:								
Boards	bbbls.					4,115	4,714	42,440
Tulle or fancy	bbbls.	1,381,206	1,690,607	9,915,726	7,100,138	3,327	3,199	46,288
All other	bbbls.					97,446	48,921	415,428
Total						99,763	55,179	478,968
Spermaceti and sperm:								
Spermaceti and sperm	bbbls.	24,467	33,862	199,868	139,119	10,547	6,972	55,633
Spice, ground or prepared	galls.					7,769	1,025	12,767
SPICES:								
Alcohol	proof galls.	649,530	445,008	1,021,047	1,796,008	112,127	86,730	197,581
Pure, neutral, or cologne spirits	proof galls.	46	2,264	535,793	504,769	33	566	165,235
Whisky	proof galls.	50,253	550,528	1,563,312	4,479,590	54,688	443,396	1,294,719
Rum	proof galls.	8,608	102,439	169,171	546,318	7,528	58,565	171,425
Brandy	proof galls.	308	1,650	190,831	9,428	372	1,097	25,971
All other	proof galls.							
Total						254,576	686,743	2,125,487
Spirits of turpentine:								
Melanes and serpy	galls.	617,665	741,506	4,164,942	6,884,366	139,008	204,641	2,089,829
Stationary, except of paper	galls.	275,098	793,719	5,746,772	5,418,421	30,878	29,018	161,864
Stenographic and electrotype plates	galls.					30,881	20,088	211,959
Straw and palm-leaf, manufactures of	galls.					1,225	2,897	10,000
SUGAR AND SUGAR:								
Sugar	galls.	122,365	551,515	4,163,113	2,988,404	77,721	62,299	305,514
Sugar, refined	galls.	10,667	15,596	75,460	108,458	90,817	4,065,128	5,087,726
Sugar, refined	galls.	13,467,723	10,926,656	103,443,001	75,506,157	6,004	7,325	58,723
Candy and confectionery	galls.							
Total						945,405	677,067	7,067,786
Tin, manufactures of:								
Tin, manufactures of	galls.	7,642	8,329	72,285	96,941			
TOBACCO, AND MANUFACTURES OF:								
Leaf	bbbls.	12,277,875	15,724,314	208,455,967	123,994,697	1,649,294	1,439,215	19,758,355
Stems and trimmings	bbbls.	568,964	568,964	7,254,333	7,257,282	5,810	5,810	5,810
Sugar	bbbls.	144	159	1,084	1,084	2,724	2,724	2,724
Cigarettes	bbbls.	8,242	6,037	72,514	84,302	209,972	190,934	1,685,255
All other manufactures of	bbbls.					1,299,340	1,005,972	21,800,120
Total						7,187	9,980	94,520
Trunks, valises, and traveling bags:								
Trunks, valises, and traveling bags	galls.	5,679	4,693	43,109	53,940	7,512	7,211	67,796
VEGETABLES:								
Peas and beans	bbbls.	4,128	5,292	49,137	63,131	5,142	5,281	51,543
Potatoes	bbbls.	28,625	28,625	287,206	128,145	31,657	32,159	351,243
Pumpkins and squashes	bbbls.	36,831	36,831	411,603	398,631	29,628	29,628	29,628
Vegetables, canned	bbbls.					9,852	7,188	48,738
All other, including pickles	bbbls.					84,851	76,248	866,221
Total						149,066	149,066	1,000,000
VEHICLES SOLD TO FOREIGNERS:								
Steamers	tons.					384	1,541	20,300
Sailing vessels	tons.					849	51	2,018
Total						1,233	1,592	22,318
WOOD, AND MANUFACTURES OF:								
Firewood	cord.	1,799	14	2,207	916	5,453	216	6,472
Lumber	cord.	20,194	37,355	248,706	323,658	636,639	681,217	5,803,925
Boards, shingles, and planks	M feet.	1,243	2,014	6,884	9,292	11,498	25,566	92,443
Frames and scantling	M feet.					21,477	55,373	128,167

EXPORTS OF FOREIGN MERCHANDISE.

ARTICLES.		QUANTITIES.				VALUES.			
		Month ending January 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—	
		1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.
Cocoa, or cacao, crude, and leaves and shells of.	lbs.	470,628	566,719	1,959,577	1,362,110	52,903	46,444	179,161	159,768
Cut pipe.	do.	6,006,632	5,992,111	12,103,179	15,075,700	209,680	409,385	1,174,690	1,530,911
Cut pipe, manufactured.	do.		30,769		106,452		1,471		
Cotton, unmanufactured.	do.	188,013	58,022	715,271	901,391	25,348	11,728	1,005	1,405
Cotton, waste or linter, including shaggy diamonds.	do.	3,500		7,500		608		957	
Cotton, waste or linter, prepared or n. s. s.	do.					173	200	5,003	1,648
FERTILIZERS.									
Guano.	tons.		10	22			600	600	914
All other.	do.						245	500	500
Total.								845	1,414
FISH, n. s. s.									
Boiled, salted, hake, and pollock, dried, smoked, or pickled.	do.		124,065		234,106	a	5,699	a	73,496
Herring.	do.								
Pickled.	do.	a	500	a	33,400	a	29	a	557
Lobster, fresh or preserved.	lbs.					12,471	18,427	65,062	73,848
Mackerel, pickled.	lbs.	a		a	24				5,915
All other.	do.								
Total.						12,471	20,555	65,062	153,144
FRUITS, INCLUDING NUTS, n. s. s.									
Cocoanuts.	do.					19,174	20,111	143	a
All other.	do.					51	996	9,272	31,489
Total.						19,227	1,946	34,396	66,451
FURS AND FURKINS, undressed.									
Beaver and general effects, and vesting apparel in use, and implements, instruments, and tools of trade of persons arriving from foreign countries, and of citizens of the United States of America, living abroad.	do.					112,286		212,500	86,365
Indebared and gutta-percha, crude.	do.					171	55	16,835	97,283
Total.		16,587	300	28,563	185,203	272	7,250	30,824	31,871
GRAIN, n. s. s.						8,848		27,628	89,726
Barley.	do.								
Wheat.	do.	4,000	756	960	1,401	82	277	18,624	69,501
Wheat, expressed.	do.	6,838	739,073	2,035,137	82				
Wheat, or essential.	do.	29	12,506	109,175	6,648,488	444	990	19,916	98,287
Total.						6,957	4,922	19,916	98,287
GRAIN, expressed.									
Wheat, or essential.	do.					999	990	18,957	105,326
Total.									
PAPER AND PAPER GOODS.									
Paper, other than wadded.	lbs.				450			735	25
All other.	do.							735	25
Total.									
PLUMBING.	cwt.			601				1,500	69,700
Scotch, not manufactured, n. s. s.	do.					237		6,524	69,700
SHAGGY DIAMONDS, n. s. s.									
Raw, or as received from the cocoons.	lbs.			2,740				50,890	1,645
Waste.	do.			11,714				5,951	6,759
Total.			2,484	6,500	4,315			3,600	4,404
Total.							2,761	64,315	6,333
SPICES, UNBLENDED:									
Black pepper.	do.	38,543	315,512	537,867	1,154,035	4,716	3	402	217
Pepper.	do.	19,468	58,890	142,068	355,252	997	6,067	21,628	49,784
Total.								61,325	215,452
TEA.		97,356	224,179	2,038,572	5,898,258	19,022	40,269	344,410	800,813
Tin, bars, locks, or pipe, grain or granulated.	do.	75		11,714	14,168	12	2,334	96,969	42,877
Waste.	do.					30,359			
Total.									
ARTICLES ADMITTED FREE UNDER RECIPROcity TREATY WITH HAWAIIAN ISLANDS.			4,000	28,337	19,200	95	900	1,911	1,191
Measures.	do.	3,000		279	7,944			50	1,192
Sugar, brown.	do.								14
Total.							95	200	1,081
ALL OTHER FREE ARTICLES.						9,649	14,459	565,358	160,116
Total.						475,628	780,622	3,980,721	3,974,056
TOTAL FREE OF DUTY.									
SUBJECT TO DUTY.									
ANIMALS, n. s. s.									
Cattle.	No. calfs.	3	6	20			100	4,620	8,900
Swine.	do.	6	56	15			30	50	54,127
All other.	do.								
Total.							440	4,620	66,147

SUBJECT TO DUTY.

		QUANTITIES.				VALUES.			
ARTICLES.		Month ending 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—	
		1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.
FREE OF DUTY.									
ARMY, &c., n. s. n. s.	lb.					Dollars.	Dollars.	Dollars.	Dollars.
Articles, the growth, produce, or manufacture of the United States, returned.						7,792	275	5,514	492
Art works, n. s. n. s. Paintings, statuary, fountains, and articles of sculpture, of American artists.						1,360		4,446	600
Apparatus of bitumen, crude.	lbs.	26,800		521,412				2,009	214
Articles of iron, n. s. n. s.							100		5,552
Books and other printed matter, n. s. n. s.									16,800
Ceramics, n. s. n. s.						50,975			18,000
Alumina, lumps or artificial.			2,630		2,630		374		
Crusts of coral or coral and argal dust.	lbs.								1,000
Crystals, of ether, of alcohol, or of other liquids.	lbs.	3,500		4,964		880		1,152	1,061
Crystals, of bitumen, crude.	lbs.		4,082		4,917		819		5,000
Dye, wood, in sticks.								6,110	5,000
Logwood.	tons.							290	5,899
All other.								4,545	10,800
Total.									
Gums.								2,858	2,858
Ambo, n. s. n. s.	lbs.	1,819		2,221					
Camphor, crude.								1,000	1,000
Carbolic acid, and terra japonica, or gamboge.	lbs.	550		3,819	2,482	50	13	209	217
All other gums and gum-resins.	lbs.	2,200	212	7,156	5,606			1,929	1,738
Total.						346	13	11,905	3,805
Tea.								600	34,735
Tea, in variety, of all kinds.	lbs.	5,600		57,476	31,509		4,954		
Mineral waters, all not artificial.	galls.	7,728						120	241
Soda, nitrate of.		6,000		58,070	18,680			250	65
Sulphur, or bromides, crude.	tons.			8,917	237	14,420	22,950	159,64	
Vanilla beans, whole.	lbs.	2,615				201,100	16,667		
All other.						40,978	14,928		

EXPORTS OF FOREIGN MERCHANDISE.

[illegible]

EXPORTS OF FOREIGN MERCHANDISE.

[illegible]

a See free fish

EXPORTS OF FOREIGN MERCHANDISE.

ARTICLES.	QUANTITIES.				VALUES.			
	Month ending January 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—	
	1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.
IRON AND STEEL, AND MANUFACTURES OF.—Continued.					Dollars.	Dollars.	Dollars.	Dollars.
Manufactures of, n. e. s.—Continued.								
Fire-arms					6,370	28,445	20,254	21,697
Machinery					1,667	16,034	15,719	121,531
Nail-iron								
All other								
Total					14,447	44,979	359,619	281,446
JEWELRY, MANUFACTURES OF GOLD AND SILVER, AND PRECIOUS STONES.								
Jewelry, and manufactures of gold and silver					1,254	1,680	12,236	12,990
Precious stones, n. e. s. and imitations of, not set					86	43,463	18,978	69,061
Lead, and manufactures of					36,912	35,229	296,626	164,361
LEATHER, AND MANUFACTURES OF.								
Leather					1,025	1,022	26,473	31,251
Boots, belting, and all sole-leather					1,602	1,494	6,439	18,763
Clas leather, dressed or tanned and dressed					6,292	1,411	7,794	18,738
Skins for moccasins, or other kinds, dressed, and								
Upper leather of all other kinds, dressed, and					9,479	6,827	60,718	61,679
Skins, dressed and finished								
Total					18,398	10,754	112,934	130,492
Manufactures of—								
Gloves, kid and leather					43	5,806	6,219	46,754
All other manufactures of								
Total					43	5,806	6,219	46,754
MALT LIQUORS.								
In bottles or jugs					280	2,340	1,853	1,065
Not in bottles or jugs								
Total					280	2,340	1,853	1,065
MARBLE AND STONE, AND MANUFACTURES OF.								
Marble and manufactures of, n. e. s.					687	50	3,151	183
Stone and manufactures of, including slate								
Total					687	50	3,151	183
METALS, METAL COMPOSITIONS, AND MANUFACTURES OF, n. e. s.								
Brass manufactures					559	2,395	81,123	33,416
All other					559	1,525	82,635	36,076
Total					1,118	3,920	163,758	69,492
Mineral substances, n. e. s.					5,762	50	78	1,279
Musical instruments, and parts of					2,111	14,127	11,139	
OLEA, n. e. s.								
Animal, whale and fish					62	463	2,474	37,612
Vegetable								
Fixed or expressed					309	46	759	1,494
Other					2,300	1,728	24,343	41,777
Yolatile or essential					16	220	2,117	1,156
Total					2,687	2,457	38,693	82,049
Paints and colors					699	708	2,547	7,745
Paper, and manufactures of					2,899	6,802	6,711	21,798
FRUITS, VEGETABLES, AND MANUFACTURES OF.								
Most products					694	29	1,135	2,938
All other					22	1,469	1,246	4,268
Milk, prepared, of all kinds, and meat extracts								
Butter					455	1,103	3,849	8,775
Cheese					5,399	1,599	11,754	3,779
Milk, preserved or condensed					3,947	5,558	18,948	29,513
Total					10,062	8,259	45,090	46,503
Rice, n. e. s.					362,317	609,768	4,097,625	5,305,673
Rice, glutinized, or rice-meal					156,600			
Total					518,917	609,768	4,097,625	5,305,673
Salt, n. e. s.					102,418	37,632	897,365	319,865
SEEDS AND SEEDLINGS, n. e. s.								
Flaxseed or flaxseed					4	30,909		
All other					87	1,665	1,265	15,562
Total					91	32,574	1,265	15,562
SKIN, MANUFACTURES OF.								
Clothing, ready-made and other wearing apparel					408		1,011	1,105
Dress and piece goods					2,119	10,813	21,912	21,912
Leaves					625	18,904	3,436	10,195
Silkworm					3,117	26,294	45,985	151,159
All other								
Total					4,269	56,419	74,379	285,765

EXPORTS OF FOREIGN MERCHANDISE.

ARTICLES.	QUANTITIES.				VALUES.			
	Month ending January 31—		Seven Months ending January 31—		Month ending January 31—		Seven Months ending January 31—	
	1886.	1885.	1886.	1885.	1886.	1885.	1886.	1885.
SOAP: Pure, perfumed, and all descriptions of toilet soap	10		57		855		19	
All other					9,148		439	
Total					9,148		447	
Spices, ground	60		1,390		1,295		415	
SPICES, DISTILLED, AND ESSENTIAL OILS.								
Essential oils	423	770	6,858	11,488	1,213	2,071	15,579	25,152
All other	3,118	6,438	14,610	45,796	2,228	5,945	15,777	30,275
Total	3,541	7,208	21,468	57,284	3,441	8,016	29,347	55,727
Sponges					5,415	6,927	51,029	37,013
SCALES, MOLASSES, SUGAR CANDY, AND CONFECTIONERY.								
Scales			12,832	30,488	120,329		2,079	5,017
Molasses								
Sugar candy								
Confectionery								
Total								
SHOES, MANUFACTURES OF.								
Not above No. 13 and task bottoms, sirups, me	118,473	68,304	7,138,566	1,182,648	3,421	2,230	177,629	47,476
Not above No. 13 and task bottoms, sirups, me								
All other								
Total								
TOBACCO, AND MANUFACTURES OF.								
Leaf	331	12,162	78,826	68,004	298	10,485	65,508	79,268
Suitable for wrappers	102,521	121,729	645,622	609,113	56,214	56,794	299,281	273,633
All other								
Total								
Manufactures of—								
Cigars, cigarettes, and cheroots	1,552	5,827	20,015	20,114	2,024	6,122	24,095	24,208
All other manufactures of								
Total								
VEGETABLES.								
Beans and peas	5,699	16,620	20,923	51,093	4,358	20,745	74,159	39,693
Potatoes	1,862	205	9,431	268	1,568	147	5,158	147
Pulses and manioc					12	17	473	1,268
All other					177	794	850	2,727
In their natural state, or in salt or brine					220	128	1,452	2,596
Prepared or preserved								
Total								
WINE.								
Champagne and other sparkling	300	170	1,642	2,105	2,517	1,550	20,272	20,203
Still wines	5,793	1,541	27,518	26,009	2,638	1,091	14,872	13,825
In bottles	1,428	943	9,518	9,097	6,079	3,284	13,965	14,995
Total								
WOOD, AND MANUFACTURES OF.								
Unmanufactured	2,860	5,136	79,719	27,547	66,473	69,717	579,594	469,461
Manufactured								
Boards, planks, deals, and other sawed lumber								
Staves								
Other lumber								
Cabinet ware and house furniture								
All other manufactures of								
Total								
WOOL, HAIR OF THE ALPACA, GOAT, AND OTHER LIKE ANIMALS, AND MANUFACTURES OF.								
Unmanufactured	358,769	65,413	1,200,102	1,024,779	43,003	14,998	160,641	279,622
Clothing wools								
Combining wools								
Carpet and other similar wools								
Total								
Manufactures of—								
Carpet and carpeting of all kinds	380		2,128	7,110	806		4,226	7,255
Clothing, ready-made and other wearing apparel								
except shawls and knit goods								
Cloths								
Dress goods, women's and children's								
Knit goods								
Raw, woolen, waste, and socks								
Yarns								
All other								
Total								

Value of imported merchandise remaining in warehouse January 31, 1886, \$94,113,869.
Value of imported merchandise remaining in warehouse January 31, 1885, \$29,568,459.

QUANTITIES and VALUES of the PRINCIPAL ARTICLES of DOMESTIC MERCHANDISE EXPORTED from the UNITED STATES, by COUNTRIES, during the Month ending January 31, 1886, and the Seven Months ending the same.

QUANTITIES and VALUES of the PRINCIPAL ARTICLES of DOMESTIC MERCHANDISE EXPORTED from the UNITED STATES, by COUNTRIES, during the Month ending January 31, 1886, and the Seven Months ending the same.

PRINCIPAL ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, &c., January, 1886—Continued.

ARTICLES, AND COUNTRIES TO WHICH EXPORTED.	QUANTITIES.		VALUES.	
	January—	Seven Months ending January 31—	January—	Seven Months ending January 31—
	1885.	1886.	1885.	1886.
COTTON, AND MANUFACTURES OF—Continued.				
Manufactures of, colored and uncolored.....	yards.		Dollars.	Dollars.
Great Britain and Ireland.....	375,669	6,250,684	95,585	481,344
Other countries in Europe.....	300,884	1,955,952	24,085	144,005
British North America.....	168,626	775,475	9,469	61,946
Central America and British Honduras.....	1,197,665	7,967,515	72,255	468,479
Mexico.....	586,861	3,575,855	25,094	215,858
West Indies.....	1,544,164	10,415,969	107,751	705,628
United States of Colombia.....	140,127	1,497,465	59,227	590,251
Other countries in South America.....	705,233	5,595,163	9,115	100,407
China.....	2,102,515	8,929,007	114,341	515,537
Other countries in Asia and Oceania.....	7,106,465	42,685,707	485,067	2,909,621
Africa.....	2,062,413	7,950,853	138,077	455,846
Other countries.....	2,068,455	6,958,711	158,411	575,059
Total.....	30,303,675	198,335,479	1,254,133	6,696,450
Other manufactures of:				
Great Britain and Ireland.....			21,578	147,426
Germany.....			1,534	5,795
France.....			4,058	38,971
Other countries in Europe.....			40,537	261,281
British North America.....			3,352	40,287
Central America and British Honduras.....			1,309	21,083
Mexico.....			2,961	45,483
West Indies.....			8,914	65,447
United States of Colombia.....			29,909	137,353
Other countries in South America.....			555	1,819
China.....			5,068	30,484
Other countries in Asia and Oceania.....			126,943	841,199
Africa.....			192,357	1,688,459
Other countries.....			1,080	25,238
Total.....			225,462	1,888,346
FEIN AND FURBER.				
Great Britain and Ireland.....			977,591	10,786,015
British North America.....			18,848	1,364,144
Central America and British Honduras.....			11,448	9,430
Mexico.....			18,715	4,347
West Indies.....			28,288	1,015
United States of Colombia.....			27,421	2,473
Other countries in South America.....			24,441	1,804
China.....			1,038,303	10,977,596
Other countries in Asia and Oceania.....			111,929	1,391,035
Africa.....				
Other countries.....				
Total.....				
IRON AND STEEL MANUFACTURES OF.				
Sawing-machines, and parts of.....			66,725	660,617
Great Britain and Ireland.....			29,125	410,955
Germany.....			7,961	42,776
France.....			4,798	25,865
Other countries in Europe.....			4,544	25,479
British North America.....			4,416	25,211
Central America and British Honduras.....			3,409	25,371
Mexico.....			3,715	40,349
West Indies.....			1,455	10,918
United States of Colombia.....			2,961	16,476
Other countries in South America.....			5,951	37,994
China.....			1,112	46,794
Other countries in Asia and Oceania.....			5,951	78,875
Africa.....			1,076	7,506
Other countries.....			741	2,309
Total.....			155,281	1,060,650
Steam-engines, and parts of, and machinery not elsewhere specified:				
Great Britain and Ireland.....			47,315	448,149
Germany.....			10,312	116,696
France.....			3,750	37,076
Other countries in Europe.....			6,923	86,704
British North America.....			56,463	545,127
Central America and British Honduras.....			24,517	21,853
Mexico.....			4,461	23,892
West Indies.....			3,409	68,659
United States of Colombia.....			4,120	31,877
Other countries in South America.....			13,919	101,462
China.....			17,524	101,517
Other countries in Asia and Oceania.....			9,844	225,759
Africa.....			5,123	15,868
Other countries.....			9,013	10,055
Total.....			227,832	2,845,293

PRINCIPAL ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, &c., January, 1886—Continued.

ARTICLES, AND COUNTRIES TO WHICH EXPORTED.	QUANTITIES.		VALUES.	
	January—	Seven Months ending January 31—	January—	Seven Months ending January 31—
	1885.	1886.	1885.	1886.
LEATHER.				
Great Britain and Ireland.....	1,141,200	10,459,955	241,206	2,176,968
Germany.....	42,405	450,247	7,509	291,604
Other countries in Europe.....	131,258	2,399,483	25,019	485,051
British North America.....	4,591	215,018	6,818	41,793
Central America and British Honduras.....	3,549	41,549	1,847	8,790
West Indies.....	25,617	285,849	5,858	70,849
Other countries.....	5,297	35,279	1,544	9,211
Total.....	1,390,962	14,865,044	272,152	2,990,192
Other:				
Great Britain and Ireland.....			151,556	1,165,764
Other countries in Europe.....			11,909	114,501
British North America.....			9,466	114,007
British Australasia.....			7,820	18,608
Other countries in Asia and Oceania.....			4,315	42,491
Other countries.....				
Total.....			191,769	1,567,886
OIL CAKE AND OIL-CAKE MEAL.				
Great Britain and Ireland.....	37,445,908	295,928,888	640,667	3,314,580
Germany.....	1,941,949	36,182,217	15,033	269,604
Other countries in Europe.....	2,120,273	4,624,593	24,947	75,668
British North America.....	44,855	566,559	645	6,031
West Indies.....	38,672	4,465,796	6,715	92,248
Other countries.....	18,280	453,774	349	7,032
Total.....	62,565,686	315,090,975	688,369	3,861,278
OILS—MINERAL.				
Germany.....	425,540	3,690,679	28,168	108,356
France.....	2,312,629	30,512,198	165,315	2,370,086
Other countries in Europe.....	1,251,714	17,087,237	89,854	1,266,373
West Indies.....	560,406	2,334,057	50,944	201,279
Other countries.....	5,900	18,255	477	878
Total.....	4,552,179	52,582,710	338,157	3,947,854
Reduced (not including petroleum):				
Great Britain and Ireland.....	5,585,137	64,637,652	698,567	5,802,563
Germany.....	4,647,677	50,449,645	295,569	4,385,432
Other countries in Europe.....	254,163	1,744,051	26,077	128,611
British North America.....	10,600,496	82,448,273	872,817	7,162,838
Mexico.....	270,517	275,153	80,122	520,137
Central America and British Honduras.....	101,154	275,153	2,645	448,113
West Indies.....	12,330	275,153	1,008	309,244
United States of Colombia.....	201,967	1,629,979	29,965	151,383
Other countries in South America.....	362,914	1,728,644	78,734	172,622
China.....	365,638	5,265,899	60,930	561,068
Other countries in Asia and Oceania.....	3,952,639	14,475,426	364,951	1,774,647
Africa.....	250,435	3,220,679	100,891	695,429
Other countries.....	6,165,719	17,968,287	586,073	1,671,665
British East India.....	1,422,840	82,555,426	132,375	3,195,844
Other countries in Asia and Oceania.....	375,208	8,221,688	33,302	205,799
Africa.....	144,187	852,276	14,295	205,799
Other countries.....				
Total.....	37,430,923	268,758,464	5,360,491	26,637,863
PROVISIONS.				
Beef, canned.....			191,679	1,535,845
Great Britain and Ireland.....			9,815	85,345
Germany.....			136,124	1,244,098
Other countries in Europe.....			1,416	8,076
British North America.....			820	8,076
British Australasia.....			544	9,454
Africa.....			4,345	20,077
Other countries.....				
Total.....			241,907	1,979,449
Beef, fresh.....			6,817,607	58,864,389
Great Britain and Ireland.....			1,586,392	419,348
British North America.....			18,082	156,281
Other countries.....			6,614	4,729
Total.....			6,840,396	57,579,959
Beef, salted or pickled, and other, cured.....			1,554,983	12,724,255
Great Britain and Ireland.....			109,809	1,258,819
Germany.....			229,400	1,258,819
Other countries in Europe.....			172,422	1,258,819
British North America.....			45,209	1,258,819
West Indies.....			11,124	1,258,819
United States of Colombia.....			12,044	1,258,819
Other countries in South America.....			12,044	1,258,819
China.....			12,044	1,258,819
Other countries in Asia and Oceania.....			12,044	1,258,819
Africa.....			12,044	1,258,819
Other countries.....				
Total.....			2,685,999	43,471,710

PRINCIPAL ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, &c., January, 1886—Continued.

ARTICLES AND COUNTRIES TO WHICH EXPORTED.	QUANTITIES.		VALUES.	
	January—	Seven Months ending January 31—	January—	Seven Months ending January 31—
	1885.	1886.	1885.	1886.
	Dollars.			
PREVIOUSLY—Continued.				
Tallow.....	1,814,039	8,922,229	97,023	531,853
Great Britain and Ireland.....	71,448	620,555	1,352	30,233
Germany.....	224,709	1,605,598	28,398	97,296
France.....	729,475	4,399,512	68,079	261,779
Other countries in Europe.....	96,833	671,543	1,747	21,017
Mexico.....	28,067	117,809	1,165	47,193
Central America and British Honduras.....	86,203	179,255	1,513	10,778
West Indies.....	22,227	179,255	1,513	10,778
Other countries.....	3,176,721	17,806,490	171,677	1,056,857
Total.....	32,299,733	206,509,229	2,368,584	15,029,228
Great Britain and Ireland.....	32,299,733	206,509,229	2,368,584	15,029,228
Germany.....	13,460	10,460,279	135,175	734,296
Other countries in Europe.....	1,129,921	2,790,346	2,444	260,677
British North America.....	162,041	7,099,345	13,007	111,550
West Indies.....	11,609	2,790,346	4,606	13,161
Central America and British Honduras.....	20,224	182,969	2,599	16,549
Other countries.....	94,778,081	223,267,789	2,929,159	16,790,653
Total.....	4,245,283	20,079,241	380,454	1,852,019
Great Britain and Ireland.....	4,245,283	20,079,241	380,454	1,852,019
Germany.....	49,890	2,020,584	2,792	100,020
Other countries in Europe.....	219,841	2,020,584	32,367	260,677
British North America.....	22,991	190,038	2,792	24,580
West Indies.....	79,492	397,765	7,469	21,599
Central America and British Honduras.....	20,224	182,969	2,599	16,549
Other countries.....	4,792,712	28,964,523	481,698	2,481,307
Total.....	5,843,207	12,802,825	356,550	779,822
Pork, fresh, salted, or cured.....	5,843,207	12,802,825	356,550	779,822
Great Britain and Ireland.....	5,843,207	12,802,825	356,550	779,822
Germany.....	1,742,144	14,050,062	79,820	321,347
Other countries in Europe.....	1,000,100	2,630,000	1,000	10,000
British North America.....	1,161,186	12,348,000	1,909	32,803
West Indies.....	12,369	3,790,346	20,599	24,002
Central America and British Honduras.....	727,490	3,790,346	1,494	30,225
Other countries in South America.....	15,399	3,790,346	954	8,142
Asia and Oceania.....	11,499	185,325	680	10,715
Other countries.....	9,664,115	46,446,479	565,055	2,689,884
Total.....	4,533,368	49,399,907	316,842	2,057,238
Great Britain and Ireland.....	4,533,368	49,399,907	316,842	2,057,238
Germany.....	7,407,073	29,029,896	496,759	2,056,438
Other countries in Europe.....	3,018,828	2,410,905	226,155	1,706,084
British North America.....	151,073	4,900,855	12,393	542,357
West Indies.....	14,419	5,790,859	3,117	128,394
Central America and British Honduras.....	181,927	440,350	14,868	35,191
Mexico.....	108,224	14,745,199	132,084	1,728,210
Other countries in South America.....	169,398	2,630,182	14,006	108,224
United States of Colombia.....	114,719	1,320,499	8,009	69,007
Other countries in South America.....	510,985	4,305,709	2,727	19,993
Asia and Oceania.....	20,771	401,109	4,773	35,142
Other countries.....	27,124	271,097	4,773	17,139
Total.....	21,693,382	167,144,676	1,420,329	11,826,168
Butter.....	484,512	6,779,739	71,245	1,144,028
Great Britain and Ireland.....	17,596	185,007	2,096	110,903
Germany.....	30,841	1,121,000	6,418	103,993
Other countries in Europe.....	35,492	1,121,000	10,015	299,775
British North America.....	8,233	67,444	1,743	13,925
Mexico.....	340,014	2,129,999	46,622	237,547
Central America and British Honduras.....	14,753	150,145	1,079	40,870
West Indies.....	52,594	280,471	8,111	61,881
Other countries in South America.....	6,580	20,894	1,211	4,399
Asia and Oceania.....	26,349	217,097	5,744	34,074
Other countries.....	1,016,967	18,696,054	161,833	2,360,974
Total.....	3,027,434	21,907,599	283,717	4,645,020
Great Britain and Ireland.....	3,027,434	21,907,599	283,717	4,645,020
Germany.....	93,841	603,424	11,420	60,312
Other countries in Europe.....	24,735	158,227	2,889	71,443
British North America.....	31,155	169,207	2,599	17,424
West Indies.....	22,599	214,633	1,462	42,399
Other countries in South America.....	3,210,323	63,675,994	307,891	5,571,440
Total.....	416,662	4,619,955	128,612	1,361,850
Great Britain and Ireland.....	416,662	4,619,955	128,612	1,361,850
Germany.....	10,000	10,000	10,000	10,000

PRINCIPAL ARTICLES OF DOMESTIC MERCHANDISE EXPORTED, &c., January, 1886—Continued.

ARTICLES, AND COUNTRIES TO WHICH EXPORTED.	QUANTITIES.		VALUES.	
	January—	Seven Months ending January 31—	January—	Seven Months ending January 31—
	1885.	1886.	1885.	1886.
	Dollars.			
SPIRITS OF TURPENTINE—Continued.				
Other countries in Europe.....	165,905	1,202,598	85,014	405,208
British North America.....	447	90,419	140	25,007
West Indies.....	5,996	43,941	2,531	17,973
Argentina Republic.....	1,090	25,450	433	21,719
Brazil.....	9,034	22,779	2,709	14,024
Other countries in South America.....	3,354	19,000	6,092	20,171
British Australasia.....	15,249	119,300	6,092	2,901
Other countries.....	1,417	19,300	6,092	2,901
Total.....	617,985	6,194,842	199,688	2,082,809
SUGAR, REFINED.				
Great Britain and Ireland.....	11,429,648	89,549,550	789,514	6,009,449
Germany.....	13,463	389,877	11,649	43,021
Other countries in Europe.....	181,197	1,174,355	17,794	90,549
British North America.....	243,909	1,440,877	17,794	90,549
Mexico.....	14,141	2,547,796	2,887	128,369
West Indies.....	319,792	2,547,796	2,887	128,369
United States of Colombia.....	150,002	2,547,796	2,887	128,369
Other countries in South America.....	311,478	2,547,796	2,887	128,369
British Australasia.....	285,695	1,506,364	14,529	115,739
Other countries in Asia and Oceania.....	17,778	26,712	2,617	41,652
Other countries.....	50,430	485,779	2,196	32,249
Total.....	15,107,723	101,440,902	919,097	6,960,128
TOBACCO, LEAF.				
Great Britain and Ireland.....	1,501,216	31,117,334	171,799	5,745,654
Germany.....	1,496,667	46,507,055	177,454	4,101,282
Other countries in Europe.....	1,558,640	27,492,446	117,652	2,343,279
British North America.....	6,253,837	71,109,396	66,833	587,194
Mexico.....	399,868	2,100,000	48,231	67,375
West Indies.....	81,369	25,776	11,835	100,402
United States of Colombia.....	120,000	1,543,275	15,544	100,402
Other countries in South America.....	43,315	607,915	2,680	33,106
British Australasia.....	30,085	1,506,299	2,887	128,369
Other countries in Asia and Oceania.....	120,000	1,543,275	15,544	100,402
Other countries.....	214,920	1,400,421	2,887	128,369
Total.....	12,277,875	206,655,987	1,446,794	18,796,885
WOOD.				
Boards, deals, and planks.....	3,570	31,069	56,725	327,224
Great Britain and Ireland.....	96	1,249	1,612	17,152
Germany.....	17,438	1,249	1,612	17,152
Other countries in Europe.....	4,720	16,617	63,371	257,768
British North America.....	889	17,438	35,724	257,768
Mexico.....	855	1,488	840	22,411
Central America and British Honduras.....	5,779	25,355	77,797	360,517
West Indies.....	808	19,073	19,073	159,197
Brazil.....	902	9,909	12,407	105,397
United States of Colombia.....	3,117	38,650	47,848	303,245
Other countries in South America.....	1,839	43,935	29,353	158,987
British Australasia.....	1,468	18,822	7,897	67,898
Other countries in Asia and Oceania.....	217	1,238	1,238	18,791
Other countries.....	20,194	248,706	436,610	3,803,925
Total.....	56,460,404	602,151,226	57,091,224	602,151,226
All other articles.....			56,038,034	602,151,226
TOTAL DOMESTIC EXPORTS.....				

NOTE.—The value of the articles enumerated above for the month of January, 1886, represent 88.6 per cent., and for the seven months ending January 31, 1886, represent 85.7 per cent. of the total value of domestic exports during the respective periods.

IMPORTS AND EXPORTS OF GOLD AND SILVER COIN AND BULLION.

COUNTRIES.	GOLD.				SILVER.				TOTAL GOLD AND SILVER.
	Coin.		Bullion.		Coin.		Bullion.		
	American.	Foreign.	American.	Foreign.	American.	Foreign.	American.	Foreign.	
IMPORTS OF COIN AND BULLION.									
January, 1888.									
	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
France			450,384	450,384					269,646
Germany			298,007	298,007					186,255
British North America			60,367	60,367					60,367
Spain			20,700	20,700					20,700
Central American States			1,370	1,370					1,370
West India Islands			40,443	40,443					40,443
Mexico			1,370	1,370					1,370
United States of Columbia			11,787	11,787					11,787
Other countries in South America			22,844	22,844					22,844
British Possessions in Australia			148,492	148,492					148,492
Other countries in Asia and Oceania			4,401	4,401					4,401
All other countries			9,590	9,590					9,590
TOTAL JANUARY, 1888	478,438	91,890	1,044,434	770,841	298,435	33,694	606,672	1,027,741	2,728,548
1888-January	159,706	74,149	341,644	502,633	63,621	700,173	1,061,479	1,347,066	3,147,066
February	135,430	151,459	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
March	174,334	174,334	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
April	109,423	109,423	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
May	62,044	71,738	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
June	90,718	120,465	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
July	373,889	116,188	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
August	483,418	385,848	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
September	458,883	128,734	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
October	477,768	115,468	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
November	842,040	198,208	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
December	842,040	198,208	341,129	502,633	63,621	717,119	1,061,479	1,347,066	3,147,066
EXPORTS OF FOREIGN COIN AND BULLION.									
January, 1888.									
Central American States									
France							12,200	12,200	12,200
Germany							2,800	2,800	2,800
British North America							15,400	15,400	15,400
Spain							45,100	45,100	45,100
Central American States							583,967	583,967	583,967
West India Islands							43,000	43,000	43,000
Mexico							13,500	13,500	13,500
United States of Columbia							17,400	17,400	17,400
Other countries in South America							4,200	4,200	4,200
British Possessions in Australia							5,907	5,907	5,907
Other countries in Asia and Oceania							4,200	4,200	4,200
All other countries							5,907	5,907	5,907
TOTAL JANUARY, 1888.							791,308	791,308	1,541,308
1888-January							604,858	604,858	1,871,308
February							579,379	579,379	1,871,308
March							1,258,777	1,258,777	1,871,308
April							1,078,219	1,078,219	1,871,308
May							1,078,219	1,078,219	1,871,308
June							1,078,219	1,078,219	1,871,308
July							1,078,219	1,078,219	1,871,308
August							1,078,219	1,078,219	1,871,308
September							1,078,219	1,078,219	1,871,308
October							1,078,219	1,078,219	1,871,308
November							1,078,219	1,078,219	1,871,308
December							1,078,219	1,078,219	1,871,308
EXPORTS OF DOMESTIC COIN AND BULLION.									
January, 1888.									
Central American States									
France							55,000	55,000	55,000
Germany							2,800	2,800	2,800
British North America							15,400	15,400	15,400
Spain							45,100	45,100	45,100
Central American States							583,967	583,967	583,967
West India Islands							43,000	43,000	43,000
Mexico							13,500	13,500	13,500
United States of Columbia							17,400	17,400	17,400
Other countries in South America							4,200	4,200	4,200
British Possessions in Australia							5,907	5,907	5,907
Other countries in Asia and Oceania							4,200	4,200	4,200
All other countries							5,907	5,907	5,907
TOTAL JANUARY, 1888.							791,308	791,308	1,541,308
1888-January							604,858	604,858	1,871,308
February							579,379	579,379	1,871,308
March							1,258,777	1,258,777	1,871,308
April							1,078,219	1,078,219	1,871,308
May							1,078,219	1,078,219	1,871,308
June							1,078,219	1,078,219	1,871,308
July							1,078,219	1,078,219	1,871,308
August							1,078,219	1,078,219	1,871,308
September							1,078,219	1,078,219	1,871,308
October							1,078,219	1,078,219	1,871,308
November							1,078,219	1,078,219	1,871,308
December							1,078,219	1,078,219	1,871,308

IMPORTS AND EXPORTS OF MERCHANDISE, COIN, AND BULLION.

STATEMENT showing the VALUES OF THE IMPORTS AND EXPORTS OF THE UNITED STATES, for each month, from July, 1884, to January, 1886, inclusive.

MONTHS.	EXPORTS.			IMPORTS.			Monthly excess of exports.	Monthly excess of imports.	Excess of imports from July 1 to the end of each month.	Excess of exports from July 1 to the end of each month.
	Domestic.	Foreign.	Total.	Domestic.	Foreign.	Total.				
	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.				
1884-July	2,065,832	2,065,832	4,131,664	2,065,832	2,065,832	4,131,664				
August	1,848,479	1,848,479	3,696,958	1,848,479	1,848,479	3,696,958				
September	1,639,747	1,639,747	3,279,494	1,639,747	1,639,747	3,279,494				
October	1,487,967	1,487,967	2,975,934	1,487,967	1,487,967	2,975,934				
November	1,345,258	1,345,258	2,690,516	1,345,258	1,345,258	2,690,516				
December	1,278,848	1,278,848	2,557,696	1,278,848	1,278,848	2,557,696				
1885-January	1,168,467	1,168,467	2,336,934	1,168,467	1,168,467	2,336,934				
February	1,062,971	1,062,971	2,125,942	1,062,971	1,062,971	2,125,942				
March	988,481	988,481	1,976,962	988,481	988,481	1,976,962				
April	914,415	914,415	1,828,830	914,415	914,415	1,828,830				
May	848,481	848,481	1,696,962	848,481	848,481	1,696,962				
June	788,481	788,481	1,576,962	788,481	788,481	1,576,962				
Total	24,374,119	24,374,119	48,748,238	24,374,119	24,374,119	48,748,238				
1885-July	2,438,479	2,438,479	4,876,958	2,438,479	2,438,479	4,876,958				
August	2,125,971	2,125,971	4,251,942	2,125,971	2,125,971	4,251,942				
September	1,848,479	1,848,479	3,696,958	1,848,479	1,848,479	3,696,958				
October	1,639,747	1,639,747	3,279,494	1,639,747	1,639,747	3,279,494				
November	1,487,967	1,487,967	2,975,934	1,487,967	1,487,967	2,975,934				
December	1,345,258	1,345,258	2,690,516	1,345,258	1,345,258	2,690,516				
1886-January	1,278,848	1,278,848	2,557,696	1,278,848	1,278,848	2,557,696				
February	1,168,467	1,168,467	2,336,934	1,168,467	1,168,467	2,336,934				
March	1,062,971	1,062,971	2,125,942	1,062,971	1,062,971	2,125,942				
April	988,481	988,481	1,976,962	988,481	988,481	1,976,962				
May	914,415	914,415	1,828,830	914,415	914,415	1,828,830				
June	848,481	848,481	1,696,962	848,481	848,481	1,696,962				
Total	24,374,119	24,374,119	48,748,238	24,374,119	24,374,119	48,748,238				
1886-July	2,438,479	2,438,479	4,876,958	2,438,479	2,438,479	4,876,958				
August	2,125,971	2,125,971	4,251,942	2,125,971	2,125,971	4,251,942				
September	1,848,479	1,848,479	3,696,958	1,848,479	1,848,479	3,696,958				
October	1,639,747	1,639,747	3,279,494	1,639,747	1,639,747	3,279,494				
November	1,487,967	1,487,967	2,975,934	1,487,967	1,487,967	2,975,934				
December	1,345,258	1,345,258	2,690,516	1,345,258	1,345,258	2,690,516				
1887-January	1,278,848	1,278,848	2,557,696	1,278,848	1,278,848	2,557,696				
February	1,168,467	1,168,467	2,336,934	1,168,467	1,168,467	2,336,934				
March	1,062,971	1,062,971	2,125,942	1,062,971	1,062,971	2,125,942				
April	988,481	988,481	1,976,962	988,481	988,481	1,976,962				
May	914,415	914,415	1,828,830	914,415	914,415	1,828,830				
June	848,481	848,481	1,696,962	848,481	848,481	1,696,962				
Total	24,374,119	24,374,119	48,748,238	24,374,119	24,374,119	48,748,238				

WILLIAM F. SWITZLER,
Chief of Bureau.

TREASURY DEPARTMENT, BUREAU OF STATISTICS, February 27, 1886.

No. _____

Lexington, Ky., *May 7* 188*5*

First
THIRD NATIONAL BANK

Pay to *John H. Werts* or ~~bearer~~ *cash*,
Ten _____ Dollars,
100

For *Acc. rendered in full & date*

\$ *10* —

Geo. K. Patterson

47-M-64



John H. Davis



No. First Lexington, Ky., January 7 1885

THIRD NATIONAL BANK

Pay to N & L. Lowenhart ^{order} or ~~bearer~~,

Twenty one and ⁵⁰/₁₀₀ **Dollars,**

For account rendered to date

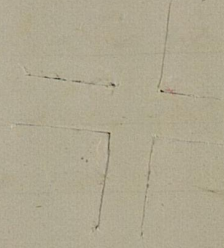
\$ 21.50

Geo R Patterson

47-M-64

SWITZERLAND
JAN
1885

W. B. Stewart



No.

Lexington, Ky., Jan. 7 1885

^{First}
~~THIRD~~ NATIONAL BANK

Pay to W. D. Nicholas, Treas. or ^{order} bearer,

Twenty five

¹⁰⁰ Dollars,

For 50 % on one share Woodland Park Stock

\$ 35.00

Jas R. Patterson

47-M-64



Mr. Nicholas
Gruen

12 1/2 in

New York, Jan 14 1885

M. J. Patterson

To C. B. MERWIN, Dr.

—Manufacturing — Stationer — and — Printer,—

NO. 218 FULTON STREET,

TERMS CASH.

Dr Amount on fr Bill Recd

15 90

Paid Jan 12

C B Merwin

Proprietors of the
"Alden Model Job Press"
AND
"Model Type Cabinets."

Dealers in Printing Materials. Special
Agents for Queen City Printing Inks.

Edwin Alden & Bro.'s
Newspaper Advertising Agency,

N. W. Cor. Fifth and Vine Streets

Cincinnati, Jan. 13th, 1885.

Is it the beginning of prosperous times? We think so. Because?

There is no business, with the possible exception of Banking, where immediate contact and interchange of views on all commercial topics is more general than in a large Newspaper Advertising Agency. We meet in our own office, through our traveling canvassers, and by the daily mails, with all the large mercantile and manufacturing interests through the country, and we believe we are in a position to see what we are confident is a sure indication of the beginning of "Prosperous Times."

Whether it is the return of business to its normal conditions after the late election, the World's Exposition at New Orleans, the high rates of Railroad transportation on produce from the West,—turning emigration away from the West—or all these combined, we cannot tell: but that there is a vigorous and vital business activity throughout all the Southern States all our reports and our daily mails as well assures us. Our Southern customers are largely increasing their lines of advertising, and many who have never advertised to any extent, are sending in for estimates and closing contracts.

We hand you under another enclosure our various lists, and would be glad to hear from you. If you do not desire to use any entire list, send us the names of such papers as you wish, the length of time you want your advertisement to run and a manuscript copy of what you desire to say, and we will set up the same in an attractive form, and send you a copy—together with the estimated cost—so that you can see how your advertisement will appear in print.

We have a large Printing and Electrotyping department in connection with our Agency, and we will set up your advertisement free of all cost to you. If you think of doing any advertising write us. We can save you money.

Very sincerely yours,

EDWIN ALDEN & BRO.

C. E. KIDD.

M. G. THOMPSON, JR.

Folio.....

Lexington, Ky., Jan'y 15 1885

Mr. Prof. J. K. Patterson



KIDD & THOMPSON,

—DEALERS IN—

HARDWARE, CUTLERY, NAILS, GUNS,
AMMUNITION, BARBED WIRE, BAR IRON AND STEEL,
MANTELS, REFRIGERATORS, PUMPS, CHURNS, &C.

188.....

Transylvania Print. Co., Lex. Ky

To amt of acct to Jan'y 1st

628

Please Call & settle
when convenient

OFFICE OF
Electric Manufacturing Co.,
NO. 24 FIFTH STREET.

—SPECIAL ANNOUNCEMENT.—

Troy, N. Y., January 15th, 1885.

Dear Sir :

We are now printing, and will have in readiness to distribute within a few weeks, an Illustrated and Descriptive Catalogue of

STANDARD ELECTRICAL INSTRUMENTS

manufactured by us, of the latest designs and most approved styles. This Catalogue will contain much of interest and many objects entirely new. It is our design to place a Copy of it in your hands, without expense, immediately upon its publication, also to forward a copy to the Professor of Physics of your Institution, if you will kindly mail us his address on enclosed postal, not omitting your own.

Awaiting the pleasure of an early response,

We remain, truly yours,

ELECTRIC MFG. CO.,

TROY, N. Y.

THE

Liverpool & London & Globe
Insurance Company.

BRANCH OFFICE:
Cincinnati.

J. M. DE CAMP,
GENERAL AGENT.

J. F. VAN DER COOK,
ADJUSTER.

W. KING & SON
GENERAL INSURANCE AGENTS
LEXINGTON

Lexington Ky. Jan 14 1885

Prof Patterson,

Ar. Hb. College:

Dear Sir:

Please send us check for
\$3⁰⁰ amt of premium for #8099. Home Ins Co.
on Lib. of Insurance Co. forwarded to your address
Nov. 30th /84. and oblige

Yours truly
W. King & Son

Please send for some letters. Calumet
Co.

Folio 89

JOS. M. SCOTT,
T. T. SKILLMAN,
HUGH P. HICKS.

Lexington, Ky., 188

Mr Robt Lyland



SCOTT, SKILLMAN, & HICKS,

—+ DEALERS IN +—

→ Carpets, * Oil * Cloth, * Wall * Paper, * Curtains, * &c. ←

No. 9 WEST MAIN STREET.

TERMS CASH.

188 5

Jan 14 8 yds Table oil cloth 35 298

Receipt
Scott Skillman.

47-M-64

12,90
5,50

2,98
\$21,38

Jan. 15, 1885

170

Lexington, Ky.

188

M. A. V. Mc College

Bought of **JOHN T. MILLER,**

—DEALER IN—

Grates, Mantels, Building Hardware, Tools,

Bar Iron and Steel, Table and Pocket Cutlery.

MAIN STREET, BETWEEN MILL AND BROADWAY.

1884

E. B. Smith, Printer and Binder, Lexington, Ky.

Sept	15	10* Nails 50	1 pr Hinges 25	75	
"	"	4 Door Knobs 50	1 pr Blue Screws 10	60	
"	16	2 Spinal Iron Spring	50	1 00	
"	17	Repairing Sock + 1 new Key		75	
"	19	1 pr 12 In Strap Hinges + Screws		75	
"	27	20* Stud Nails 100	1 Gate Latch 15	1 15	
"	"	1 Hatchet Hdl 10	1 Gimlet 10	20	
Oct	23	2 Gate Springs 100	100 5 70* Nails 100	2 00	
Nov	10	10* Stud Nails 50	15 1 Hdl 15	65	
Dec	1	2 pr Strap Hinges 25	2 Hasps + Staples 35	1 10	
"	"	4 Hitching Rings 40	8 2* Wrt Nails 20	60	
"	"	1 pr Hinges 35	1 pr Plycs 75	1 Dead Sock 150	2 60

Rec'd Payment by order on Robt. S. Monroe
John T. Miller
Jan 4 1885

124 15

47-11-04

Please receipt and return both
accounts H.P.

Abbe College

F. 1091.

LOUISVILLE & NASHVILLE RAILROAD CO.

Station, 11/6

1885

We have in Depot consigned to you

1 pc Duck
Shells

upon which the freight and charges are \$ 1.25, and which, if
not removed within twenty-four (24) hours, will be stored at your
expense. Respectfully,

Wm McLean

Agent.

AGENT: Deliver the above mentioned articles to bearer

and accept
his receipt for the same.

188

47-M-64



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

Jas Patterson
City

Lexington, Ky., Jan 16 1885

M & M College (Mrs Ryland

To A. T. PARKER, Dr.

DEALER IN

DRY GOODS AND NOTIONS,

FOR CASH ONLY.

MAIN STREET.

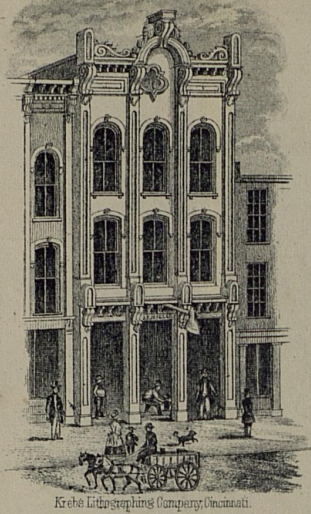
Eyer, printer, over Postoffice, Lexington, Ky.

10 Red Damask Linn 55 \$5.50

Ch of
Recd of

A. T. Parker

Feb 19-1885



JOHN MILLER
 WHOLESALE AND
 RETAIL DEALER IN
BUILDING HARDWARE, TOOLS,
BAR IRON & STEEL,
Guns, Pistols, Cutlery &c.
 No 22 Main St.
 LEXINGTON, KY.

July 16th 1885.

Pres. S. M. Patterson.

Dear Sir,

Yours of this date covering order
 on Dr. R. S. Bullock for amt. of $\$13\frac{10}{100}$ dollars. (as rendered
 to you.) at hand, & amt. placed to credit with thanks.

I also enclose another a/c. against A. & M. College
 for $\$3\frac{50}{100}$ which was omitted in former bill. I only discovered
 the error this morning when settling a/c. with My. University,
 the item having been chgd. to that institution instead of
 the A & M. I also enclose your order for the goods
 of that date. As that you will see it is correct
 & not included in bill rendered before. You will
 please attend to it & very much oblige,

Yours Truly,
 John N. Miller.

OFFICE OF

W. J. HOULIHAN & BRO.,

WHOLESALE AND RETAIL DEALERS IN

Stoves, Tinware, Mantels, Grates,

AND HARDWARE,

26 WEST MAIN STREET.

Lexington, Ky January 19 1885

State - College.
City.

Gentlemen -

Please find enclosed
acct against the College in
our favor to amt of four dollars
& five cents \$4.⁹⁵/₁₀₀ - ordered by Bro
A-Munke if correct. hope it
will meet with an early
approval - as we want to close
our books.

Respectfully Yours
W. J. Houlihan & Bro

Jan. 19, 1885

ATTENTION!

Parents, Guardians & Students

The Williams' School,

49 East Main Street, LEXINGTON, KY.,

**OFFER A FULL COURSE OF
BOOK-KEEPING FOR \$40.00.**

There are 25 books in this course, and it is the same course for which other schools charge \$58.00. The teachers are thoroughly practical Book-keepers and we guarantee satisfaction to all students.

**WE OFFER A FULL COURSE OF
TELEGRAPHY FOR \$25.00,**

With free use of Instruments and free stationery. The Telegraph department at this school is one of the finest in the United States. Other schools charge \$30.00 and upwards for a full course in telegraphy.

**WE OFFER A FULL COURSE OF
STENOGRAPHY FOR \$25.00,**

With Stationery FREE. We give sixty lessons in this course. Other schools charge \$30.00 and upwards for this course and charge extra for stationery.

**WE OFFER A FULL COURSE OF
TYPE WRITING FOR \$25.**

with free use of Type Writing Machine. Other schools charge \$30.00 for this course.

We also offer FREE to any student who may take the four courses above mentioned an order for a full term at the State Agricultural and Mechanical College of Kentucky for males, or at the Hamilton Female College of Lexington for females.

The A. and M. College is maintained and supported by the State of Kentucky, and ranks as one of the best colleges for males in the United States.

The Hamilton Female College is the leading female college in Kentucky, and is one of the best of its kind in America.

Remember that the students taking our full course can attend either of these colleges (according to sex) **FREE.**

Call and see us on your arrival at Lexington. It will cost you nothing to call. Enquire for

**THE WILLIAMS' SCHOOL,
49 EAST MAIN STREET.**

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of **Unrepeated Messages**, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
15 LK	T	14	Pact via Sparta

Received at

LEXINGTON, KY. 1210P.

Jan 20 1884

Dated Overton Ky 20

To Prof J K Patterson

State College

Letter received did not receive
Telegram Boys will start twenty
seventh hold their places
JWPerry

SIGNAL OFFICE, WAR DEPARTMENT,

Washington City, *Jan'y 20*, 1885.

W. J. B. Bowman *University of Lexington*
Regent *Pa. Ky*

Sir: I have the honor to state that the records of this office show the following articles to have been issued to you, as per date set opposite each, respectively, viz.:

One (1) Wind vane Large on Sept 2 - 76

on

on

on

on

on

on

on

on

If these articles are still in your possession, and you desire to retain them, please so state hereon, giving their condition, and return this letter in the addressed envelope enclosed. If you do not wish to retain them, please return to this office by *Freight* *first calling on this office for transportation.*

Very respectfully,

[Signature]
Captain, 5th Artillery,
Property and Disbursing Officer, Signal Service,
Acting Signal Officer, U. S. Army.

Mark all packages forwarded this office

Returned from (Name) _____

(Place) _____

Jan 25, 1875

We, The undersigned students
of A & M College, Lexington, S.C.
are very much dissatisfied with the
provisions on which we have to live, and
also the price per week paid for it. We
therefore take this measure to either reduce
the rate per week, or have better provisions
made for us.

Jan. 25, 1875,

J. V. Griffin

B. B. Golden

Gen. George W. Randall

I desire better and cleaner food than I get at Lexington.
But no reduction.

H. K. Lee

D. D. Yeager

F. C. Mitchell

T. G. Morrison

A. L. Dunn

W. T. Sistrunk

J. F. Sistrunk

R. L. Pruitt

W. Pruitt

J. B. O'Rourke

W. S. Adams

H. C. Jasper

W. C. Jasper

W. C. Jasper

J. W. Rankin

W. L. Robert

Wm. S. Page

A. H. Lancaster

Wm. Furnish

B. D. Hagan

H. S. Cliney.

21 R. L. Tusley

W. White.

22 J. W. Wilder.

E. H. Stealy.

23 H. C. Smith.

30 O. Walker

32 Grant Davis.

33 E. E. Hardin desires better & cleaner fare but no reduction in price.

34 M. W. Hardin.

35 H. C. Nolan.

36 J. W. Kunvill.

~~J. W. Kunvill.~~
H. A. Kunvill.

37 A. L. Offutt.

38 E. J. Gibson same as Hardin,

40 W. W. Utz

41 W. H. Flanery.

42 J. W. Flanery.

43 E. B. Rouse

44 P. W. Suter.

45 J. W. Smith cleaner fare ^{one of the waiters said so.} and think we had spoilt meat this morning

46 J. W. Word.

Wm. & Agn desire cleaner and better fare

J. W. Holladay

49 J. D. Rowland.

50 B. P. White.

51 J. P. Marcum, L.L.D. desires fresh meats and birds
52 S. B. Thomas No. Reduction " " "
53 A. W. C. Lemaire
54 K. S. Yowell
55 R. L. Lancaster
56 W. R. Black
57 W. R. Black
58

Dr
J. H. Paterson

Leecington

London January 31st 1885

Bought of Crosby Lockwood & Co
N^o 7. Stationers' Court, near Paternoster Row.

1 Mail 1885 & Postage £ 1 19

UNIVERSITY OF CALIFORNIA.

AGRICULTURAL EXPERIMENT STATION.

BULLETIN NO. 41.

The Olive.

The olive is attracting a great deal of interest in this State and justly so. California is the only State in the Union that possesses a climate suitable for it. Abundant testimony exists to show that that tree will thrive throughout the larger part of California. The greatest point to be made in favor of the olive is, that it will grow in a soil too dry even for the grape vine and too rocky for any fruit tree. The hills and mountain slopes, not fit for the pasture of even a goat, can be made to produce olives. Precisely such will produce the fruit much earlier than the rich valleys, although in the latter the tree will attain a larger growth. The olive will fill the largest gap in our culture, and its sphere is such that it will not encroach on any other culture. It is perhaps as a great and valuable product for export that the greatest importance attaches to the olive in California, but rather as a food product for home consumption. It has often been said that the olive is truly the poor man's tree. In a country like California, where a scanty rainfall is the characteristic of many parts, pasturage, and consequently the production of meat and butter, must necessarily be limited, relatively more so as the population increases. The olive can largely supply this growing deficiency. It is the richest and most nutritious of all fruits, for open it and bread alone a man may be sustained so as to perform the duties of labor. In the Mediterranean region the olive is of such vast importance that the failure of this crop is a public calamity. A few facts and figures will convey the idea of its financial value. The crop of Italy, for instance, is estimated to be worth about 200,000,000 francs. Southern France 6,000,000 francs. In Spain it is variously estimated at from 34,000,000 to 100,000,000 francs and in the Ottoman Empire at 24,000,000 francs annually.

Just both olive oil and pickles of the finest quality can be produced in this State, as a fact has to be mentioned, after Mr. Elwood Cooper, of Santa Barbara, has taken the prize at the Paris World's Fair. Years ago, when the olive leafers first landed in California, they brought with them two varieties of olives, one of which especially has been propagated throughout the State, in different localities. Although a most excellent and hardy variety, and as we have lately learned from Mr. E. P. Fubaud's investigation, one of the best Spanish varieties, known by the name of Coroneado, it is here, as in Spain, adapted to the warmer parts of the country only. In a cooler climate the maturing of the fruit falls late in the season, that it interferes sensibly with the blossoming of the next. The importance of introducing earlier ripening varieties is, therefore, apparent. Hence it is a matter of congratulation that private individuals, as well as enterprising nurseries, have begun to import and propagate French and Spanish kinds. At the experimental grounds of the University, we have received, through Mr. Fubaud's importations, two valuable varieties, the *Neumolin* and the *Manzanilla*, an oval-shaped olive of medium size, ripening very early, and the *Manzanilla*, a rather large olive, of more rounded shape, also of early maturity. No less than thirty kinds are the property of Mr. E. P. Fubaud, of San Jose, while Mr. Gould, of Auburn, a gentleman who has been very active in proving the adaptability of the olive to the foothill regions of the Sierra Nevada, has presented five specimens of the *Piedra*. This is a very hardy and rapidly growing variety. In addition to these, six varieties have been propagated from seed. While the latter are not yet mature, yet, as a thing valuable, the difference in foliage and habit of growth indicate widely different kinds. All the kinds have been planted along a road in a soil and exposure well suited to their development, and we hope before many years to ascertain something definite as regards their value.

As might be expected, a tree cultivated for so long a period of time, has developed numerous varieties. Owing to their great similarity many writers upon the subject, among them Gasparin, have studied the two varieties and give this advice: Cultivate the best variety for your locality, i. e., the one that gives the best oil in the greatest quantity. It seems, therefore, that the best we can do in California is to try a large number of varieties, as it is safe to say that, in our diversified climate no one variety will everywhere succeed equally well.

From the experience of the older countries, as well as that of California, it seems that the olive will grow in a great variety of soils; the most important point to be observed being that they shall be warm and well drained. The most striking instance of this kind that I can recall is from my own experience. Some years ago I brought a few rooted olives to a place in the Santa Cruz mountains. They were set out in the best of soil, in rich and comparatively moist ground. The growth here for two years was almost nothing, although the trees were well attended to. In March of last year they were removed to different places, some being planted on a high knoll, where the soil is very sandy but contains considerable lime; others in small pockets on a southeast slope, the soil in this case being very rich loam. With the former, small rooted cuttings but a few inches high were planted. In many instances the holes in which they were planted were made in the rock, and the roots spread on almost bare rock. Without any further attention than being holed to prevent weeds from smothering them, all grew right along, the older ones making several feet of growth, where they had before made but a few inches. Of the feasibility of setting out such small plants I shall speak later, but desire here to draw the attention to the fact that the locality in question is a comparatively cool one. This experience illustrates the fact that in different sections the exposure should be different. In a warmer section, such as the Wilkes or Yuma Valley, evidently the southern exposure on a sunny slope is not needed to produce abundant growth. We find this on Mr. John R. Wolfkill's place, on Pinal Creek, perhaps the largest trees for their age in the State. Some of these growing on level ground, and 21 years old from the cutting, when measured by me several years ago, were over six feet in girth.

The mode almost exclusively used in California is from cuttings, which are set either in the permanent site or in nursery rows. We quote Mr. Cooper in his treatise on "Olive Culture": "The common and preferred method is to plant the cuttings taken from trees of sound wood, from three quarters of an inch to an inch and a half in diameter, and from 14 to 16 inches long. These cuttings should be taken from the tree during the months of December and January, neatly trimmed without bruising, and carefully treasured in loose sandy soil. A study place is preferred. They should be planted in permanent sites from Feb. 20th to Mar. 20th, depending upon the season. The ground should be well prepared, and sufficiently dry so that there is no mud, and the weather should be warm. In Santa Barbara, over the coast, no irrigation is necessary, but very frequent watering of the top soil with a hose or run take for a considerable distance around the cuttings is necessary during the spring and summer. About three-fourths of all that are well planted will grow. My plan is to set them 20 feet apart each way, and place them in the ground butt end down, and at an angle of about 45°, the top to the north barely covered. Mark the place with a stake. By planting them obliquely, the bottom end will be from 10 inches to 1 foot below the surface.

This mode of propagation, especially in a changeable climate, is liable to several objections. One is that the large cuttings often remain dormant for several years, thus causing an uneven stand. By first rooting the cuttings in nursery rows this of course is avoided, but they will not be so free from rot and other evils that from seedling plants, be developed as by starting the trees from small horizontal cuttings. For at least the cooler parts of the State we do not hesitate in recommending this method. Take from young, growing trees the young tips, when neither very soft nor perfectly hard, having three to four sets of leaves and cut with a sharp knife below a joint. Put in a little frame with sand. In the course of three to four months the little cuttings will have rooted, and should then be potted in small pots, where they should remain until well rooted. In a few months more they will be found ready to set out. When very warm weather prevails this is best, as the little trees may be advisable, but when a moderate temperature prevails a few waterings in a month will be all that is necessary—still even this is only an unfavorable spring. It should be noted that nothing is gained by setting out the tree before the soil is warm, as it will not grow. The trees referred to previously as planted in the Santa Cruz mountains, were propagated in this manner, and have received no irrigation since setting out. Trees raised from such small cuttings resemble closely young seedlings, and form a beautiful young system.

To set cuttings from large trunks, such as are imported from Spain and other countries, proceed in the following manner: Cut the trunk into pieces about 15 inches long, split these pieces in two, put the halves so made into

the ground horizontally, with the bark side up, covering with soil four to five inches deep. Let each bed be in a warm, well-drained place, kept moderately moist. In a few months a large number of young shoots will break through the ground. When of suitable size and hardiness, as before described, take the cuttings and treat in the manner previously mentioned.

Growing Olives from Seed.

This is a mode little practiced so far in this State, but worthy of adoption. Of course the process necessitates grafting or budding. It is the general practice in France to do this after the tree has formed its main branches, either budding or grafting into these during the month of May or June.

The advantages of seedling stocks over cuttings are many. First, vigor of the tree, which produces for a longer time, and more regularly; second, its great hardiness and ability to accommodate itself to the most arid and rocky soil; third, great abundance of horizontal as well as deep-growing roots, especially deep ones, the latter enabling the tree to better resist wind and frost; fourth, a better form in general and easier to develop and guide than that obtained from a cutting.

The olives should not be planted with the pulp, but must be cleaned of this either by letting them rot in a pile or by putting them into an alkaline solution, such as a lime water to hasten germination to break the pits, taking care not to hurt the germ. An interesting incident in the past is that when in France which is said to work very well. When the kernels are deprived of their shell, they are steeped in a compost of manure of good long and sandy soil, and are sown thickly in the month of April. If it is thought too much work to take the kernel out of the pit, they must be sown in an alkaline solution.

The seedling olive grove at the experimental grounds was treated with an alkaline solution of one fourth pound of concentrated lye to the gallon of water. Most of them sprouted the first year, although there were a few stragglers produced the next year. Flattening the kernel gives the quickest result. Without using any chemical means the seeds will remain dormant at least for two years.

The failure to grow olive plants from the olives produced in this State is clearly due to the fact that the common Mission olive has, at least in most parts of the State, but a small percentage of well-developed germs. This has been observed by Mr. J. R. Wolfkill, of Wilkes, who told me that he has broken hundreds of pits without finding a sound germ. Our experience at Berkeley has been similar, although the last year's crop showed a larger percentage than was the case in previous years. Mr. E. Cooper in his treatise speaks of the failure to get any Mission olives to grow from seed, and I find upon inquiry that he has also observed the non-development of the germ. It is my belief that other varieties, and perhaps even the common Mission, in other localities will be much more fertile. The following facts seem to substantiate this:

To obtain more insight in the matter, Mr. C. H. Dettelle obtained from Mr. M. A. S. White, of Riverside, some dried olives, which, upon examination, proved to have nearly all gone along of apparently good kernels. The result of sowing was however very small, some five to six per cent only germinating, nevertheless, enough to prove that there is a difference in the fertility of the seeds of the Mission olive in different parts of the State; although, perhaps, the cause may be in difference of variety. There exists in Southern California at least one other variety besides the common Mission—a variety of more straggling habit and with larger fruit. It is generally mixed with the ordinary kind, and not often recognized as being distinct.

The percentage raised from the European seeds of different kinds was about 15 to 20 per cent. To save considerable work in selecting olives for seed, they should be put in pure water; all those that sink at once will be found to have the seed viable or partly developed. In Europe the wild olive is much and for grafting stock; this species is nearly always fertile, and it would pay any one who desires to grow olives on a large scale to get a quantity of its seeds.

Time of Bearing.

It is argued by many people that the olive requires an excessively long time to come into bearing. In favorable localities this is by no means the case. In the southern part of the State, large olive cuttings commenced to bear in the fourth year. Mr. Cooper, of Santa Barbara, reports two gallons of berries on some of his best trees at that age, and as much as 30 gallons from the best at six years. Mr. Kimball, of National City, San Diego county, reports similar results. Our own experience, from the Mission of San Jose, were planted in 1873, by Mrs. Jeanne Carr. For two years after Mrs. Carr's departure, they were neglected, but answered very quickly to kind treatment, and after six years from planting produced some fruit, and have produced full crops every two years, steadily increasing. The yield at eight years was about 10 pounds per tree, while the year 1893 tree averaged 225 pounds. In the off years the yield has been about half. In localities where the Mission olive ripens earlier, the yield perhaps will be still higher. The varieties better adapted to our cooler climate would be worth four cents a pound the profits would be very good. It is true that we know about the adaptability of the olive, it would seem that the olive should be one of the safest investments all over the State, provided no overproduction should take place.

Enemies of the Olive.

There are, however, a number of drawbacks, chief of which are the insect pests. So far, with the exception of some twig borers, the olive has been free from any other insects, but the olive has the scale, comphel, however, invariably with the black fly, which is a new pest very well understood, leads upon the olive, and is a great enemy. So severe has the attack of this scale been in the milder parts of the State, that the only most persevering men, led by Mr. Cooper, of Santa Barbara, have succeeded in its suppression.

I do not believe as some do that the sole remedy for this evil is to leave the coast and seek localities where, owing to the intensity of the dry air, the olive scale seems to be an impossibility. Other factors governing the condition of the tree, and not often considered, will show themselves. It must be remembered that with the influence of the sea we also lose the more uniform climate which always has been considered of prime importance to the olive. But by stirring with thoroughly clean trees and keeping them so I think there need be no fear. For the purpose of keeping the trees clean and one-half pound of tobacco per gallon, is to be recommended. This has been found to be the first, whitest soap dissolved in a solution of tobacco water, one pound of soap and one-half pound of tobacco per gallon, is to be recommended. This has been found to be the first, whitest soap dissolved in a solution of tobacco water, one pound of soap and one-half pound of tobacco per gallon, is to be recommended. This has been found to be the first, whitest soap dissolved in a solution of tobacco water, one pound of soap and one-half pound of tobacco per gallon, is to be recommended.

The principal ones to be feared there are the *Decas* olive, a dipterous insect affecting the pulp of the fruit; the olive moth, *Pieris oleae*, which like the apple moth feeds on the seed of the olive; finally, the *Phylloxera*, a hemipterous insect. Of these three, the first, *Decas* olive, is by far the most destructive. According to Pouchet it destroys in France yearly 3,000,000 francs worth of olives, and the other counts of the Mediterranean do not escape its ravages. It seems to breed all the year around. The fly lays its eggs, one to several, in the pulp of the olive, and the larva when hatched, enters the pulp next to the pit. It remains here as a chrysalis, and finally issues as an olive scale. Whether it has hit the fruit before the harvest, or is crushed with the oil, it is almost equally objectionable. This insect is its master of the French and *marcho del olivo* of the Italians.

The olive moth works almost like the apple or codlin moth. The eggs are laid while the pit is still young and tender, the larva living on the kernel of the olive until it leaves a complete moth, causing the fruit to drop prematurely. This insect does not, however, confine itself to the fruit alone, but works also on the leaves and bark, causing tubercles and crippling of the leaves.

The *Phylloxera* is a hemipterous insect, which like the dreaded white cottony scale, covers itself with a white viscid covering, fastening itself on young foliage and fruit.

We have called the attention to the existence of these pests just now when large shipments of olive branches are being imported. It is the duty of every one who receives them to guard against such pests by proper disinfection. For this purpose, I think the vapor of blanching of caustic soda, a large dry goods box clothed with tin is easiest to get; for a box five by six feet long and four feet high, a couple of ounces of blanching will be sufficient for a charge. In the box place the liquid in a saucer on top of the cuttings, cover the box tightly and leave for half an hour.

Berkeley, June 10, 1895. W. G. KLEE.