

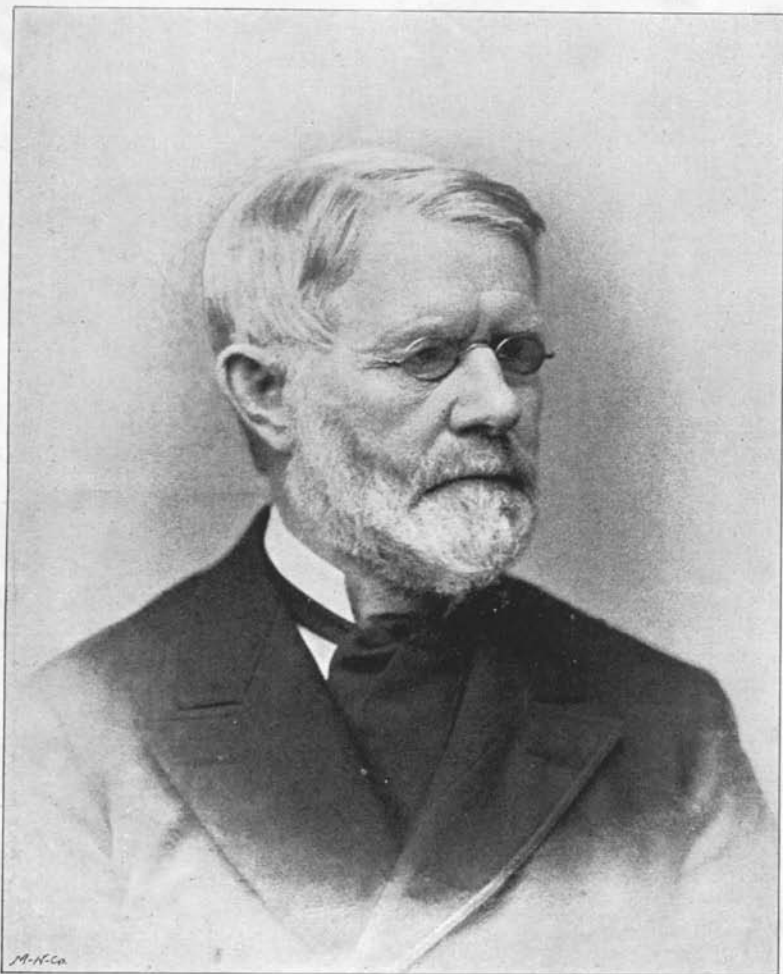
CATALOGUE AND PRICE LIST

THE
L. & I. J. WHITE
COMPANY

EDGE TOOLS

137-159 PERRY ST.
53-93 COLUMBIA ST.

BUFFALO, N. Y., U. S. A.



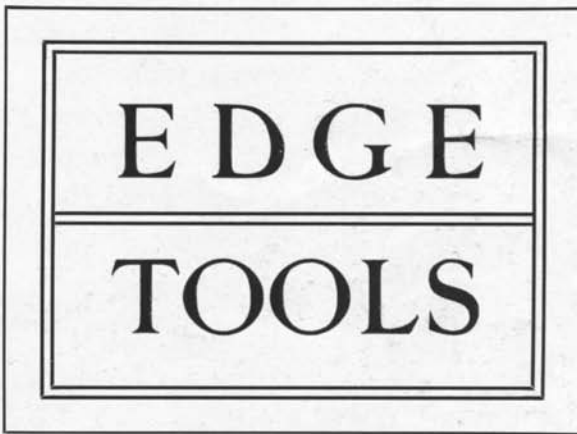
THE LATE LEONARD WHITE,
First President of The L. & I. J. White Company.

ESTABLISHED, 1837.

INCORPORATED, 1892.

CATALOGUE AND PRICE LIST
OF
THE L. & I. J. WHITE CO.

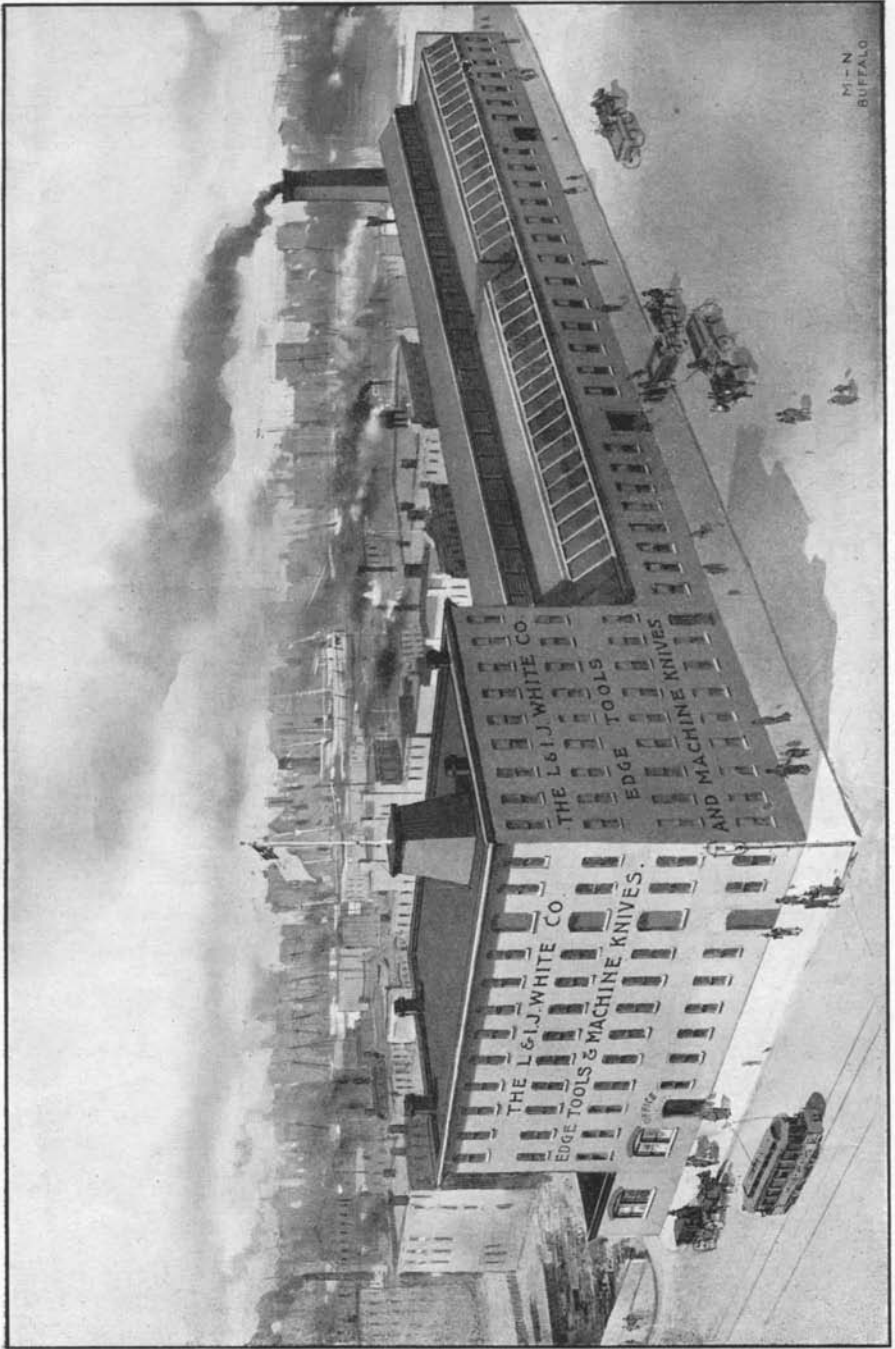
MANUFACTURERS OF



AND

MACHINE KNIVES

PERRY AND COLUMBIA STREETS,
BUFFALO, N. Y., U. S. A.



M-N
BUFFALO

JOHN G. H. MARVIN, President, Treasurer, and General Manager.
M. WHITE, Vice-President.
J. W. WHITE, Superintendent.

TO THE TRADE.

Gentlemen:— In presenting this new edition of our catalogue, we would call attention to the fact that our Edge Tools and Machine Knives have been manufactured and extensively used for nearly three-quarters of a century, and during this time our trade has steadily grown from a small beginning until now there are more of our goods sold than of any other manufacture in our line, and they are recognized as the standard of excellence in the various markets of the world. We shall continue in the future, as we have in the past, to manufacture only the highest grade of goods, fully warranted, stamped as below, and at prices within the reach of all.

Soliciting a continuance of your patronage, we are,

Very respectfully yours,

THE L. & I. J. WHITE COMPANY.



INSTRUCTIONS IN ORDERING.

Please designate the goods named, also give catalogue numbers. Orders from other than regular customers, or parties unknown to us, for special goods, must be accompanied with the cash; by so doing the return charges on the money, if sent C. O. D., will be avoided. In all instances either a sketch or a wooden pattern must be sent—the latter preferred.

WARRANTY.

All goods of our manufacture are fully warranted free from imperfections and finely tempered. When defective and returned to us **WITHOUT EXPENSE** we will willingly replace with other goods. Articles showing evidence of long usage, or having been injured by misuse, not covered by warrant.

NOTICE.

We will be pleased to loan to our customers at any time such electro-types as may be required to aid in the preparation of catalogues showing our goods.

TERMS.

Cash in funds current in Buffalo or New York City. Local checks not accepted, unless with exchange. Accounts not paid in thirty days from date of invoice subject to sight draft with exchange on New York.

THE L. & I. J. WHITE CO.'S CATALOGUE AND PRICE LIST.

SOCKET FIRMER CHISELS.

6½-INCH BLADES.



No. 1.

Solid Cast Steel. Apple-tree Handles.

Inch,	⅛	¼	⅜	½	⅝	¾
Per doz.,	\$4.00	4.30	4.60	5.00	5.50	6.00
Inch,	⅞	1	1¼	1½	1¾	2
Per doz.,	\$6.40	6.80	7.50	8.00	9.00	10.00
Socket Firmers, assorted, ⅛-inch to 2-inch, 12 in set,						\$6.00
Socket Firmers, assorted, ⅛-inch to 2-inch, 9 in set,						5.25
Sharpening, net, per doz.,						.20

SOCKET FIRMER CHISELS.

BEVEL EDGE. 6½-INCH BLADES.



No. 2.

Inch,	⅛	¼	⅜	½	⅝	¾
Per doz.,	\$5.50	5.80	6.10	6.50	7.00	7.50
Inch,	⅞	1	1¼	1½	1¾	2
Per doz.,	\$7.90	8.30	9.00	9.50	10.50	11.50
Socket Firmers, assorted, ⅛-inch to 2-inch, 12 in set,						\$7.50
Socket Firmers, assorted, ⅛-inch to 2-inch, 9 in set,						6.75
Sharpening, net, per doz.,						.20

LONG THIN PARING SOCKET FIRMER CHISELS.

8-INCH BLADES.

**No. 3.**

Solid Cast Steel. Apple-tree Handles.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$6.75	7.20	7.50	8.00	8.50	9.00
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$9.75	10.50	11.25	12.00	13.00	14.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$9.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						8.00

10-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$8.10	8.65	9.00	9.60	10.20	10.80
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$11.70	12.60	13.50	14.40	15.60	16.80
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$11.40
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						9.60

12-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$9.45	10.10	10.50	11.20	11.90	12.60
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$13.65	14.70	15.75	16.80	18.20	19.60
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$13.30
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						11.20
Sharpening,						net, per doz., .25

LONG THIN PARING SOCKET FIRMER CHISELS.

BEVEL EDGE. 8-INCH BLADES.



No. 4.

Solid Cast Steel. Apple-tree Handles.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$8.75	9.20	9.50	10.00	10.50	11.00
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$11.75	12.50	13.25	14.00	15.00	16.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$11.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						10.00

10-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$10.50	11.04	11.40	12.00	12.60	13.20
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$14.10	15.00	15.90	16.80	18.00	19.20
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$13.80
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						12.00

12-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$12.25	12.88	13.30	14.00	14.70	15.40
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$16.45	17.50	18.55	19.60	21.00	22.40
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$16.10
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						14.00
Sharpening, net, per doz., . . . . .						.25

COACH MAKERS' SOCKET FIRMER CHISELS.

7-INCH HEAVY BLADES.



No. 5.

Solid Cast Steel. Hickory Handles.

Inch,	1/8	1/4	3/8	1/2	5/8	3/4
Per doz.,	\$6.75	7.20	7.50	8.00	8.50	9.00
Inch,	7/8	1	1 1/4	1 1/2	1 3/4	2
Per doz.,	\$9.75	10.50	11.25	12.00	13.00	14.00
Assorted, 1/8-inch to 2-inch, 12 in set,						\$9.50
Assorted, 1/8-inch to 2-inch, 9 in set,						8.00
Sharpening,	net, per doz.,					.25

COACH MAKERS' SOCKET FIRMER CHISELS.

BEVEL EDGE. 7-INCH HEAVY BLADES.



No. 6.

Solid Cast Steel. Hickory Handles.

Inch,	1/8	1/4	3/8	1/2	5/8	3/4
Per doz.,	\$8.75	9.20	9.50	10.00	10.50	11.00
Inch,	7/8	1	1 1/4	1 1/2	1 3/4	2
Per doz.,	11.75	12.50	13.25	14.00	15.00	16.00
Assorted, 1/8-inch to 2-inch, 12 in set,						\$11.50
Assorted, 1/8-inch to 2-inch, 9 in set,						10.00
Sharpening,	net, per doz.,					.25

MILLWRIGHTS' SOCKET FIRMER CHISELS.

8-INCH HEAVY BLADES.



No. 7.

Solid Cast Steel. Hickory Handles.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per doz.,	\$8.00	8.75	9.50	10.00	10.50	11.00	11.50
Inch,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per doz.,	\$12.00	13.50	15.00	17.50	20.00	22.00	25.00
Inch,		$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
Per doz.,		\$28.00	31.00	34.00	37.00	40.00	43.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,							\$12.25
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,							10.00

10-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per doz.,	\$10.80	10.80	11.40	12.00	12.60	13.20	13.80
Inch,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per doz.,	\$14.40	16.20	18.00	21.00	24.00	26.40	30.00
Inch,		$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
Per doz.,		\$33.60	37.20	40.80	44.40	48.00	51.60
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,							\$15.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,							12.00

12-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per doz.,	\$11.20	12.25	13.30	14.00	14.70	15.40	16.10
Inch,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per doz.,	\$16.80	18.90	21.00	24.50	28.00	30.80	35.00
Inch,		$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
Per doz.,		\$39.20	43.40	47.60	51.80	56.00	60.20
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,							\$17.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,							14.00
Sharpening,							net, per doz., .30

MILLWRIGHTS' SOCKET FIRMER CHISELS.

BEVEL EDGE. 8-INCH HEAVY BLADES.



No. 8.

Solid Cast Steel. Hickory Handles.

Inch,	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Per doz.,	\$10.00	10.75	11.50	12.00	12.50	13.00	13.50
Inch,	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Per doz.,	\$14.00	15.50	17.00	19.50	22.00	24.00	27.00
Inch,		2 3/4	3	3 1/4	3 1/2	3 3/4	4
Per doz.,		\$30.00	33.00	36.00	39.00	42.00	45.00
Assorted, 1/8-inch to 2-inch, 12 in set,							\$14.25
Assorted, 1/8-inch to 2-inch, 9 in set,							12.00

10-INCH BLADES.

Inch,	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Per doz.,	\$12.00	12.90	13.80	14.40	15.00	15.60	16.20
Inch,	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Per doz.,	\$16.80	18.60	20.40	23.40	26.40	28.80	32.40
Inch,		2 3/4	3	3 1/4	3 1/2	3 3/4	4
Per doz.,		\$36.00	39.60	43.20	46.80	50.40	54.00
Assorted, 1/8-inch to 2-inch, 12 in set,							\$17.10
Assorted, 1/8-inch to 2-inch, 9 in set,							14.40

12-INCH BLADES.

Inch,	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Per doz.,	\$14.00	15.05	16.10	16.80	17.50	18.20	18.90
Inch,	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Per doz.,	\$19.60	21.70	23.80	27.30	30.80	33.60	37.80
Inch,		2 3/4	3	3 1/4	3 1/2	3 3/4	4
Per doz.,		\$42.00	46.20	50.40	54.60	58.80	63.00
Assorted, 1/8-inch to 2-inch, 12 in set,							\$19.95
Assorted, 1/8-inch to 2-inch, 9 in set,							16.80
Sharpening,							net, per doz., .30

MILLWRIGHTS' SOCKET FRAMING CHISELS.

14-INCH BLADES.



No. 9.

Hickory Handles with Rings.

Inch,	¼	⅜	½	⅝	¾	⅞	1
Per doz.,	\$7.50	9.00	9.50	10.00	10.50	11.00	12.00
Inch,	1¼	1½	1¾	2	2¼	2½	2¾
Per doz.,	\$13.00	14.50	16.00	17.50	20.00	23.00	26.00
Inch,			3	3¼	3½	3¾	4
Per doz.,			\$30.00	34.00	38.00	42.00	48.00
Sharpening,						net, per doz.,	.30

SOCKET FRAMING CHISELS.

8-INCH BLADES.



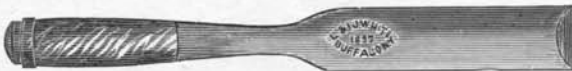
No. 10.

Hickory Handles with Rings.

Inch,	¼	⅜	½	⅝	¾	⅞	1
Per doz.,	\$6.00	6.50	7.00	7.50	8.00	8.50	9.00
Inch,		1¼	1½	1¾	2	2¼	2½
Per doz.,		\$9.50	10.00	11.00	12.00	14.00	16.00
Sharpening,						net, per doz.,	.30

SOCKET FRAMING CHISELS.

8-INCH BLADES.



No. 11.

Solid Cast Steel. Hickory Handles.

Inch,	⅛	¼	⅜	½	⅝	¾	⅞
Per doz.,	\$8.00	8.75	9.50	10.00	10.50	11.00	11.50
Inch,	1	1¼	1½	1¾	2	2¼	2½
Per doz.,	\$12.50	13.50	15.00	17.50	20.00	22.00	25.00
Sharpening,						net, per doz.,	.30

BUTT CHISELS.



No. 11 A.

Solid Cast Steel. 9 inches long over all.
Handled, extra, per doz., \$1.25.

Inch,	1/8	1/4	3/8	1/2	5/8	3/4
Per doz.,	\$1.50	1.50	1.65	2.00	2.10	2.30
Inch,	7/8	1	1 1/4	1 1/2	1 3/4	2
Per doz.,	\$2.65	2.85	3.90	4.85	5.90	7.20
Assorted, 1/8-inch to 2-inch, 12 in set,						\$3.30
Assorted, 1/8-inch to 2-inch, 9 in set,						2.50
Sharpening,	net, per doz.,					.15

Used for fitting in butts when hanging doors.

BUTT CHISELS.

BEVEL EDGE.



No. 11 B.

Solid Cast Steel. 9 inches long over all.
Handled, extra, per doz., \$1.25.

Inch,	1/8	1/4	3/8	1/2	5/8	3/4
Per doz.,	\$3.00	3.00	3.15	3.50	3.60	3.80
Inch,	7/8	1	1 1/4	1 1/2	1 3/4	2
Per doz.,	\$4.15	4.35	5.40	6.35	7.40	8.70
Assorted, 1/8-inch to 2-inch, 12 in set,						\$4.80
Assorted, 1/8-inch to 2-inch, 9 in set,						4.00
Sharpening,	net, per doz.,					.15

Used for fitting in butts when hanging doors.

CARPENTERS' SLICKS.

SOCKET HANDLE.



No. 12.

Inch,	2 1/2	3	3 1/2	4	
Per doz.,	\$22.00	25.00	30.00	35.00	
Sharpening,	net, per doz.,				.50

CORNER CHISELS.



No. 13.

Solid Cast Steel. Hickory Handles with Rings.

Inch,	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per doz.,	\$14.00	15.00	16.00	17.00	18.00	19.00
Sharpening,	net, per doz.,					.50

TANG FIRMER CHISELS.



No. 14.

Solid Cast Steel. Six Inches Long from Bolster.

Handled, extra, per doz., \$1.25.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$1.50	1.50	1.65	2.00	2.10	2.30
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$2.65	2.85	3.90	4.85	5.90	7.20
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$3.30
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						2.50
Sharpening,	net, per doz.,					.20

TANG FIRMER CHISELS.

BEVEL EDGE.



No. 15.

Solid Cast Steel. Six Inches Long from Bolster.

Handled, extra, per doz., \$1.25.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$3.00	3.00	3.15	3.50	3.60	3.80
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$4.15	4.35	5.40	6.35	7.40	8.70
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$4.80
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						4.00
Sharpening,	net, per doz.,					.20

LONG PARING TANG FIRMER CHISELS.



No. 16.

Solid Cast Steel. Nine Inches Long from Bolster.

Handled, extra, per doz., \$1.25.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$2.80	2.80	2.90	3.20	3.55	4.00
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$4.30	5.25	7.15	8.60	10.15	12.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$5.80
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						4.35

10-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$3.35	3.35	3.50	3.85	4.25	4.80
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$5.15	6.30	8.60	10.30	12.20	15.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$6.95
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						5.20

12-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$3.90	3.90	4.05	4.50	4.95	5.60
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$6.00	7.35	10.00	12.05	14.20	17.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$8.10
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						6.10
Sharpening,						net, per doz., .20

LONG PARING TANG FIRMER CHISELS.

BEVEL EDGE.



No. 17.

Solid Cast Steel. Nine Inches Long from Bolster.

Handled, extra, per doz., \$1.25.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$4.80	4.80	4.90	5.20	5.55	6.00
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$6.30	7.25	9.15	10.60	12.15	14.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$7.80
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						6.35

10-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$5.76	5.76	5.88	6.24	6.66	7.20
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$7.56	8.70	10.98	12.72	14.58	17.40
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$9.36
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						7.62

12-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$6.72	6.72	6.86	7.28	7.77	8.40
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$8.82	10.15	12.89	14.84	17.00	20.30
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$10.90
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						8.90
Sharpening,	net, per doz.,					.20

TANG FIRMER GOUGES.



No. 18.

Solid Cast Steel (full, middle, or flat sweep).

Handled, extra, per doz., \$1.25.

Inch,	1/8	1/4	3/8	1/2	5/8	3/4
Per doz.,	\$1.95	2.00	2.15	2.45	2.65	2.90
Inch,	7/8	1	1 1/4	1 1/2	1 3/4	2
Per doz.,	\$3.30	3.50	4.85	6.00	7.30	9.00
Assorted, 1/8-inch to 2-inch, 12 in set,						\$4.10
Assorted, 1/8-inch to 2-inch, 9 in set,						3.10
Gouges, beveled inside, add per doz., . . . . .						.50
Sharpening,	net, per doz.,					.25

LONG PARING TANG FIRMER GOUGES.



No. 19.

Solid Cast Steel. These are Inside Bevel.

Handled, extra, per doz., \$1.25.

Inch,	1/8	1/4	3/8	1/2	5/8	3/4
Per doz.,	\$4.65	4.70	4.80	5.10	5.40	5.90
Inch,	7/8	1	1 1/4	1 1/2	1 3/4	2
Per doz.,	\$6.15	7.15	9.35	10.85	13.20	15.50
Assorted, 1/8-inch to 2-inch, 12 in set,						\$8.00
Assorted, 1/8-inch to 2-inch, 9 in set,						6.35

10-INCH BLADES.

Inch,	1/8	1/4	3/8	1/2	5/8	3/4
Per doz.,	\$5.60	5.65	5.75	6.10	6.50	7.10
Inch,	7/8	1	1 1/4	1 1/2	1 3/4	2
Per doz.,	\$7.40	8.60	11.20	13.00	15.85	18.60
Assorted, 1/8-inch to 2-inch, 12 in set,						\$9.60
Assorted, 1/8-inch to 2-inch, 9 in set,						7.60

12-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$6.50	6.60	6.70	7.15	7.55	8.25
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$8.60	10.00	13.10	15.20	18.50	21.70
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$11.20
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						8.90
Sharpening,	net, per doz.,					.50

SOCKET FIRMER GOUGES.



No. 20.

Solid Cast Steel. Apple-tree Handles.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$5.00	5.50	6.00	6.50	7.25	8.00
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$8.50	9.00	10.00	11.00	12.00	13.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$8.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						7.00
Inside bevel, add, . . . . .						.50
Sharpening,	net, per doz.,					.30

LONG PARING SOCKET FIRMER GOUGES.



No. 21.

Solid Cast Steel. Apple-tree Handles. For Pattern Makers' Use.

8-INCH LIGHT BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$7.00	7.25	8.25	8.50	9.50	10.50
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$11.00	12.00	13.50	14.00	15.00	16.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$11.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						8.75

10-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$8.40	8.70	9.90	10.20	11.40	12.60
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$13.20	14.40	16.20	16.80	18.00	19.20
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$13.20
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						10.50

12-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$9.80	10.15	11.55	11.90	13.30	14.70
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$15.40	16.80	18.90	19.60	21.00	22.40
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$15.40
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						12.25
Sharpening,	net, per doz.,					.50

TROWEL SHANK CHISELS.



No. 21A.

For Trowel Shank on any style of Firmer Chisel or Gouge add \$2.00 per dozen to list.

MILLWRIGHTS' SOCKET GOUGES.



No. 22.

Solid Cast Steel. Hickory Handles.

8-INCH HEAVY BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$8.75	9.50	10.25	10.75	11.50	12.50
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$13.50	14.50	15.50	17.00	19.00	22.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$13.75
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						11.00

10-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$11.40	11.40	12.30	12.90	13.80	15.00
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$16.20	17.40	18.60	20.40	22.80	27.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$16.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						13.20

12-INCH BLADES.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$13.30	13.30	14.35	15.05	16.10	17.50
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$18.90	20.30	21.70	23.80	26.60	31.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$19.25
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						15.40
Sharpening,						net, per doz., .50

TURNING CHISELS.



No. 23.

Solid Cast Steel. The 1-inch is 12 inches over all.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$3.00	3.00	3.20	3.45	3.75	4.10
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$4.50	5.10	6.20	7.70	9.20	10.70
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$5.65
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						4.25

Extra Heavy. The 1-inch is 13 inches over all.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$3.75	3.75	4.00	4.30	4.70	5.12
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$5.62	6.40	7.75	9.62	11.50	13.40
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$7.25
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						5.40
Handling, extra, per doz.,						2.00
Sharpening,						net, per doz., .30

TURNING GOUGES.**No. 24.**

Solid Cast Steel. The 1-inch is 12 inches over all.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$3.65	3.70	4.00	4.40	4.70	5.35
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$6.00	6.70	8.45	10.80	12.55	15.20
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$7.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						6.00

Extra Heavy. The 1-inch is 13 inches over all.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per doz.,	\$4.60	4.70	5.00	5.50	6.00	6.70
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	\$7.50	8.50	10.60	13.50	15.70	19.00
Assorted, $\frac{1}{8}$ -inch to 2-inch, 12 in set,						\$9.50
Assorted, $\frac{1}{8}$ -inch to 2-inch, 9 in set,						7.50
Handled, extra, per doz.,						2.00
Sharpening, net, per doz., . . . . .						.40

TURNER'S HUSTLER CHISELS.**No. 24 A.**

Inch,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per doz., \$6.00	6.60	7.20	7.80	9.60	11.40	13.20	15.00	15.00	

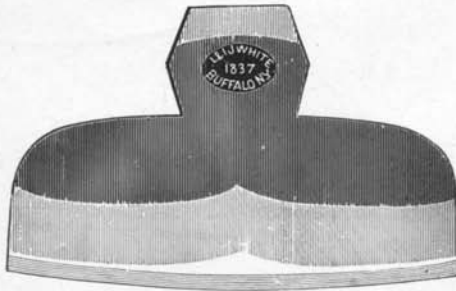
TURNER'S PARTING TOOLS.**No. 24 B.**

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per doz.,	\$3.90	4.10	4.25	4.50	5.00	5.50	6.00	6.75

AXES.

BROAD AXES.

CANADA PATTERN.



No. 25.

12-inch to 14-inch, 9½ to 10½ lbs., per doz., \$45.00

BROAD AXES.

WESTERN PATTERN.

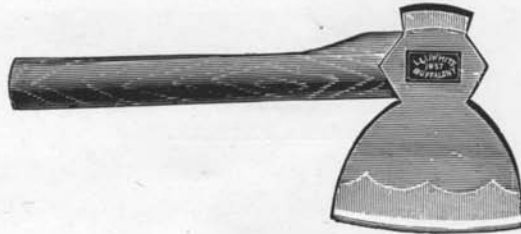


No. 26.

Broad Axes, 9-inch to 10½-inch, 5½ to 6½ lbs., per doz., . . \$30.00

Broad Axes, 10¼-inch to 13-inch, 6¾ to 8 lbs., per doz., . . . 33.00

HAND AXES.

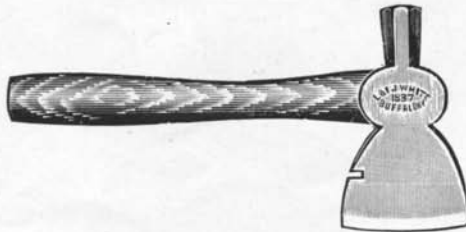


No. 27.

No. 1, 7½-inch cut, per doz.,	. . . . .	\$21.00
No. 2, 7 -inch cut, per doz.,	. . . . .	18.00
No. 3, 6½-inch cut, per doz.,	. . . . .	16.00
No. 4, 6 -inch cut, per doz.,	. . . . .	15.00
No. 5, 5½-inch cut, per doz.,	. . . . .	14.00
No. 6, 5 -inch cut, per doz.,	. . . . .	13.00
No. 7, 4½-inch cut, per doz.,	. . . . .	13.00
Double bevel, extra, per doz.,	. . . . .	1.50

HATCHETS.

SHINGLE HATCHETS.

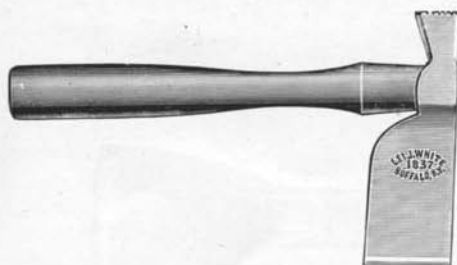


No. 28.

Solid Steel. Handled.

No. 1, per doz.,	. . . . .	\$11.00
No. 2, per doz.,	. . . . .	10.50
No. 3, per doz.,	. . . . .	10.00

LATH HATCHETS.

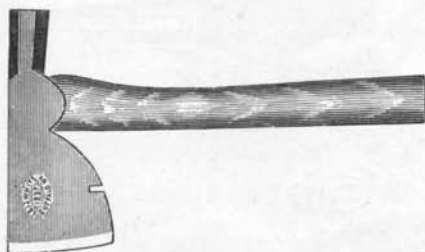


No. 28 A.

Improved Boston Pattern. Solid Cast Steel. Handled.

Lath Hatchets, per doz., \$15.00

HALF HATCHETS.



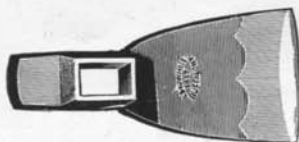
No. 29.

Solid Steel. Handled.

No. 1, per doz.,	\$11.00
No. 2, per doz.,	10.50
No. 3, per doz.,	10.00
Creased Heads, extra,	3.00

ADZES.

CARPENTERS' ADZES.



No. 30.

Per dozen, \$22.50

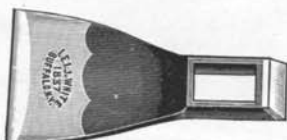
BRIDGE ADZE.



No. 30A.

4 to 4½-inch cut, 4 lbs., \$33.00
 4¾ to 5 -inch cut, 4½ lbs., 36.00

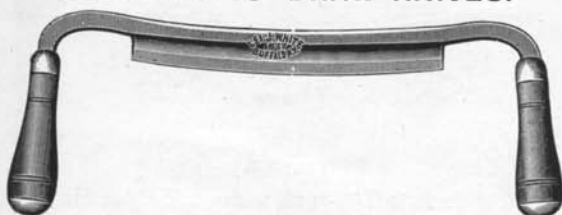
RAILROAD ADZE.



No. 30B.

Per dozen, \$27.00

DRAWING KNIVES.
CARPENTERS' DRAW KNIVES.



No. 31.

Razor Blade, 1¼-inch wide. Walnut Handles, Capped and Ferruled.

Inch, . . .	6	7	8	9	10
Per doz., . .	\$10.00	11.00	12.00	13.00	14.00
Inch, . . .	11	12	13	14	16
Per doz., . .	\$15.00	16.00	17.00	18.00	20.00

CARRIAGE-MAKERS' DRAW KNIVES.



No. 32.

Narrow Blade, ¾-inch to 1-inch wide. Walnut Handles, Capped and Ferruled.

Inch, . . .	6	7	8	9	10	11	12	13	14
Per doz., . .	\$10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00

COACH-MAKERS' DRAW KNIVES.



No. 33.

Razor Blade, 1¼-inch to 1½-inch wide. Walnut Handles, Capped and Ferruled.

Inch, . . .	6	7	8	9	10
Per doz., . .	\$11.00	12.00	13.00	14.00	15.00
Inch, . . .	11	12	13	14	16
Per doz., . .	\$16.00	17.00	18.00	19.00	21.00

WAGON-MAKERS' DRAW KNIVES.



No. 34.

Heavy Blades, 1 1/4-inch to 1 3/4-inch wide. Walnut Handles, Capped.

Inch, . . .	6	7	8	9	10
Per doz., . .	\$11.00	12.00	13.00	14.00	15.00
Inch, . . .	11	12	13	14	16
Per doz., . .	\$16.00	17.00	18.00	19.00	21.00

CARRIAGE BODY KNIVES.



No. 35.

With 3 Blades.

Per dozen, \$48.00

In ordering, state size of Blades wanted.

CARRIAGE ROUTER KNIVES.



No. 36.

Per dozen, \$24.00

SHINGLE SHAVES.



No. 37.

Inch, . . .	8	9	10	11	12	13	14	15	16
Per doz., . .	\$14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00

BOX-MAKERS' DRAW KNIVES.



No. 38.

Walnut Handles, Capped and Ferruled.

Inch,	18	20
Per doz.,	\$36.00	42.00

PLOW-MAKERS' DRAW KNIVES.



No. 39.

Extra Heavy Walnut Handles, Capped.

Inch,	8	9	10½
Per doz.,	\$14.00	16.00	18.00

SADDLE-TREE SHAVES.



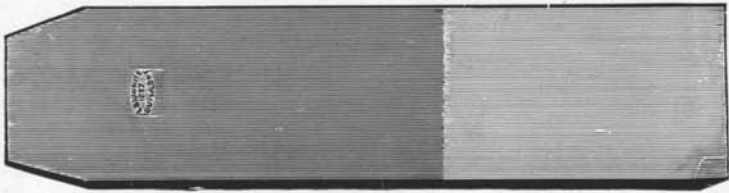
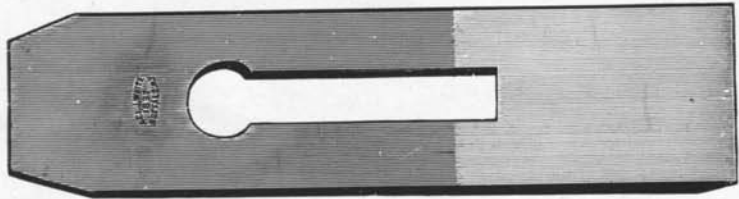
No. 40.

Walnut Handles.

Inch,	9	10	11	12
Per doz.,	\$15.00	16.00	17.00	18.00

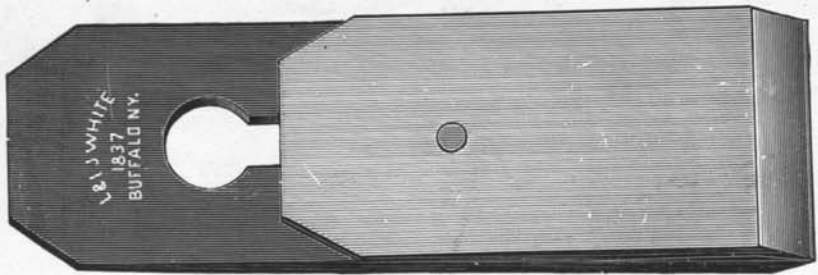
PLANE IRONS.

SUPERIOR QUALITY.

**No. 41.****No. 42.**

Single and Cut Plane Irons.

Inch,	1 1/2	1 3/4	1 7/8	2	2 1/8	2 1/4
Per doz.,	\$2.75	2.75	2.95	3.15	3.45	3.70
Inch,	2 3/8	2 1/2	2 5/8	2 3/4	2 7/8	3
Per doz.,	\$4.10	4.50	4.90	5.50	6.25	7.00

**No. 43.**

Double Plane Irons. Cast Steel Cap.

Inch,	1 1/2	1 3/4	1 7/8	2	2 1/8	2 1/4
Per doz.,	\$5.00	6.25	6.25	6.45	6.65	7.00
Inch,	2 3/8	2 1/2	2 5/8	2 3/4	2 7/8	3
Per doz.,	\$7.40	8.20	9.00	10.15	10.95	11.70

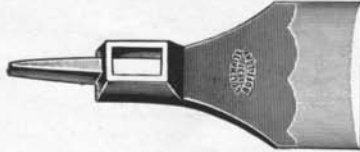
No. 43A.

Tooth Plane Irons.

Inch,	1	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8
Per doz.,	\$4.50	4.50	4.50	4.50	4.50	4.75
Inch,	2	2 1/8	2 1/4	2 3/8	2 1/2	2 1/2
Per doz.,	\$5.00	5.25	5.50	5.75	6.00	6.00

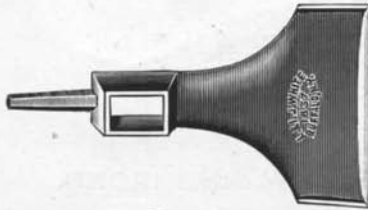
SHIP CARPENTERS' TOOLS.

SHIP ADZES.



No. 44.

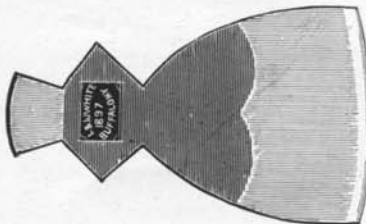
4 to 4 $\frac{1}{4}$ -inch cut, per doz.,	\$30.00
4 $\frac{1}{2}$ to 5 -inch cut, per doz.,	33.00
5 $\frac{1}{4}$ to 5 $\frac{1}{2}$ -inch cut, per doz.,	36.00
5 $\frac{3}{4}$ to 6 -inch cut, per doz.,	39.00



No. 45.

Ship Adzes with side lip, add \$3.00 per dozen to price of regular Ship Adzes.

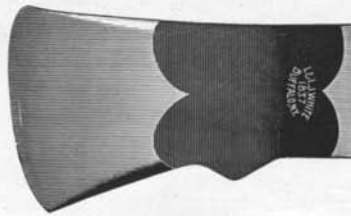
SHIP AXES.



No. 46.

Per dozen,	\$36.00
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DOCK AXES.



No. 46 A.

Dock Axes, per doz. (not warranted), \$20.00

SHIP MAULS.



No. 47.

No. 1, 4½ to 5 lbs., per doz., \$20.00
 No. 2, 3½ to 4½ lbs., per doz., 17.00
 No. 3, 5¼ to 6½ lbs., per doz., 23.00

CALKING IRONS.

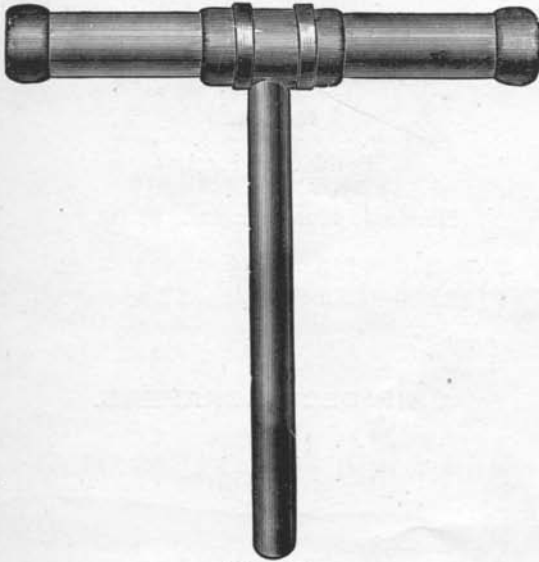


Calking Irons, 1, 2, and 3 crease.
 Sharp.
 Dumb or Deck.
 Bent or Single Crook.
 Double Crook.
 Reefing or Clearing.

No. 48.

Calking Irons, solid cast steel, 1, 2, and 3 crease, per doz., . . \$11.50
 Sharp Irons, solid cast steel, per doz., 11.50
 Deck Irons, solid cast steel, per doz., 11.50
 Butt Calking Irons, per doz., 11.50
 Clearing Irons, solid cast steel, per doz., 11.50
 Single Crook, solid cast steel, per doz., 12.50
 Double Crook, solid cast steel, per doz., 12.50

CALKING MALLETS.



No. 49.

Live oak, polished, cast steel rings, per doz., \$36.00

SPAR SHAVES.



No. 49A.

Inch,	9	10	12	14
Per doz.,	\$30.00	33.00	36.00	39.00

SHIP SOCKET CHISELS.



No. 50.

Solid Cast Steel.

Handled, extra, per doz., \$1.00.

Inch,	1	1¼	1½	1¾	2	2½	3
Per doz.,	\$10.00	11.00	12.50	14.50	15.50	18.00	21.00

SHIP SOCKET GOUGES.



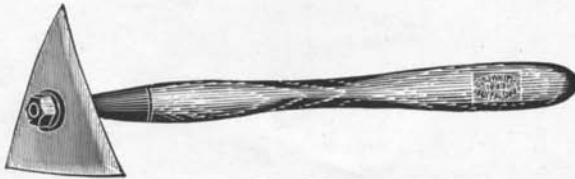
No. 51.

Solid Cast Steel.

Handled, extra, per doz., \$1.00.

Inch,	1	1¼	1½	1¾	2	2½	3
Per doz.,	\$12.00	13.50	15.00	17.50	18.50	21.00	24.00

SHIP DECK SCRAPERS.



No. 52.

Per doz.,	\$6.00
New York Pattern, steel laid,	12.00

MISCELLANEOUS.

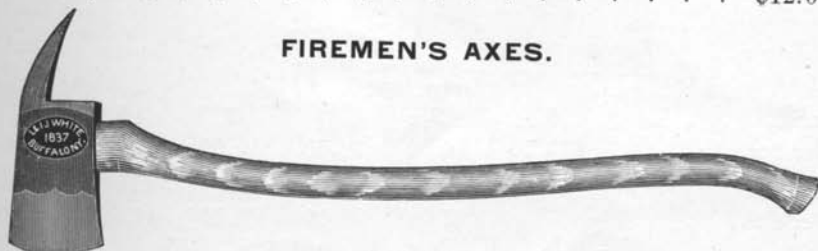
BARK SPUDS.



No. 53.

Per doz., \$12.00

FIREMEN'S AXES.



No. 54.

Per doz., \$30.00

PAVING HAMMERS.



No. 55.

BRICK HAMMERS.



No. 56.

Per doz., \$42.00 Per doz., \$12.00

TUCKING JOINTERS.



No. 56 A.

Per doz., \$12.00

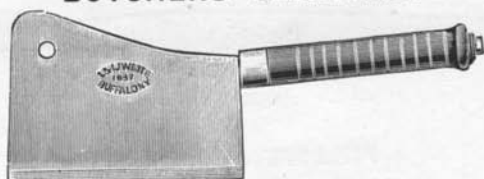
STONE HAMMERS.



No. 57.

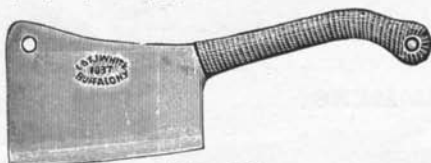
Steel Faces, 5 lbs., per doz., \$18.00
 Solid Cast Steel, 5 lbs., per doz., 21.00

BUTCHERS' TOOLS.
BUTCHERS' CLEAVERS.



No. 58.

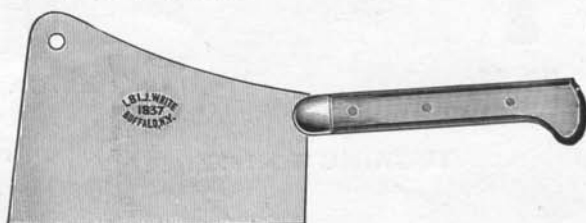
Inch.	6	7	8	9	10	11
Per doz.,	\$13.50	14.00	16.50	19.00	21.50	24.00
Inch,		12	13	14	15	16
Per doz.,		\$27.00	30.00	33.50	37.50	42.00



No. 59.

Iron Handle, Bound with Braided Cord.

Inch,	6	7	8	9	10
Per doz.,	\$15.00	15.50	18.00	21.00	24.00



No. 60.

Flat Split Handle, New York Pattern.

Inch,		8	9	10
Per doz.,		\$21.50	21.50	24.00

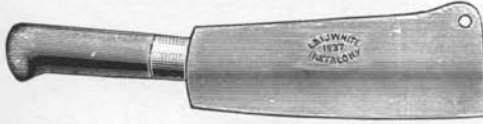
SAUSAGE CHOPPERS.



No. 61.

Inch,	6	7	8	9	10
Per doz.,	\$11.50	11.50	13.50	15.00	16.50

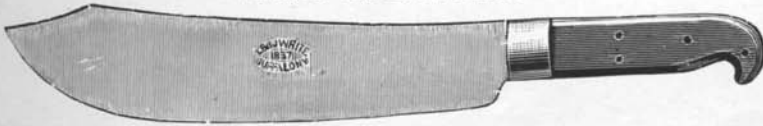
LAMB SPLITTERS.



No. 62.

Inch,	8	9	10
Per doz.,	\$16.00	17.00	18.00

LAMB SPLITTERS.



No. 63.

New York Pattern.

Per doz.,	Plain Handles, 12-inch,	\$18.00 ;	14-inch,	\$21.00
Per doz.,	Ferruled Handles, 12-inch,	\$24.00 ;	14-inch,	\$27.00

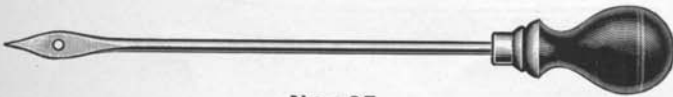
HAM TRIERS.



No. 64.

Per doz.,	\$6.00
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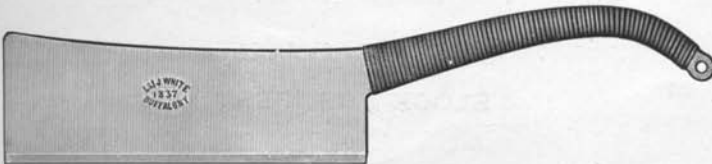
HAM STRINGERS.



No. 65.

Per doz.,	\$7.50
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IRON HANDLE PORK CLEAVERS.



No. 66.

Handles Bound with Marlin, Chicago Pattern.

Inch,	18	22	23	24
Each,	\$5.00	6.50	7.00	7.50

IRON HANDLE PORK CLEAVERS.

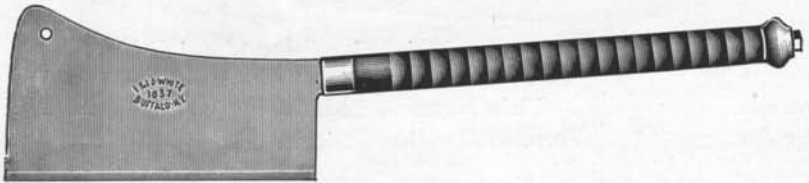


No. 67.

Handles Bound with Marlin, New York Pattern.

Inch,	. . . . .	22	24
Each,	. . . . .	\$7.50	8.50

BEEF CLEAVERS.



No. 68.

Chicago Pattern.

18-inch, wood handle, 12-inch blade, per doz.,	\$42.00
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MEAT SPLITTING AXES.—HANDLED.



No. 69.

Chicago Pattern.

Per doz.,	\$45.00
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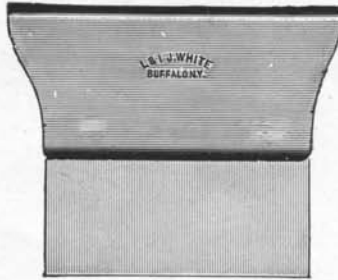
BLOCK SCRAPERS.



No. 70.

Per doz.,	\$12.00
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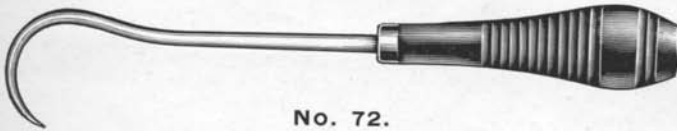
BLOCK SCRAPERS.



No. 71.

Per doz., \$6.00

SELECTING HOOKS.



No. 72.

Per doz., \$6.00

STEEL HOG SCRAPERS.



No. 73.

Per doz., \$7.50

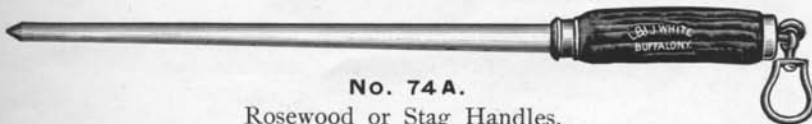
STEAK KNIVES.



No. 74.

Inch,	12	13	14
Per doz.,	\$11.50	13.00	15.00

BUTCHERS' STEELS.



No. 74 A.

Rosewood or Stag Handles.

Inch,	10	12	14
Per doz.,	\$7.50	9.60	12.40

ICE TOOLS.

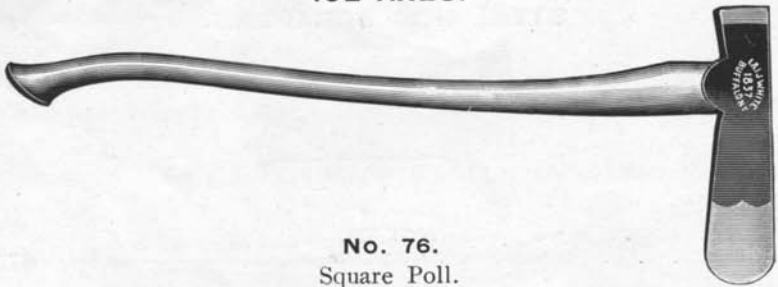
ICE TONGS.



No. 75.

Per doz., \$21.00

ICE AXES.



No. 76.
Square Poll.

Per doz., \$21.00

ICE AXES.



No. 77.
With Solid Steel Picks.

Per doz., \$21.00

ICE BARS.



No. 78.

Heavy. For House Use.

Each, \$4.00

RING ICE BARS.



No. 79.

Each, \$4.50

SIDEWALK SCRAPERS.



No. 79A.

Per doz., \$12.00

ICE SHAVES.



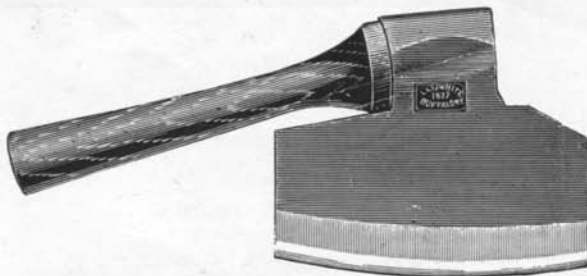
No. 79B.

Per doz., \$27.00

COOPERS' TOOLS.**COOPERS' ADZES.****No. 80.**

Our Coopers' Adzes are handled with applewood and bolted through the handles.

No. 0, per doz.,	\$33.00
No. 1, tight barrel, per doz.,	30.00
No. 1½, barrel, per doz.,	28.50
No. 2, flour barrel, per doz.,	27.00
No. 3, flour barrel, per doz.,	27.00
Without handles, less,	3.00
Extra finish, add, per doz.,	3.00
Horton pattern, 5 to 5½ lbs., per doz.,	45.00

COOPERS' AXES.**No. 81.**

No. 0, handled, per doz.,	\$39.00
No. 1, tight barrel, handled, per doz.,	33.00
No. 1½, barrel, handled, per doz.,	30.00
No. 2, flour barrel, handled, per doz.,	27.00
Without handles, less, per doz.,	3.00
Extra finish, add, per doz.,	3.00

Our Coopers' Drawing Knives are made both with and without bevel. We send those with bevel unless otherwise ordered. Capped handled, add \$1.00 per dozen.

HEADING SHAVES.



No. 82.

Inch, . . .	7	8	9	10	11	12	14	16	18
Per doz., . .	\$12.50	14.50	16.50	18.50	20.50	22.50	26.50	30.50	34.50

STAVE SHAVES.



No. 83.

Inch,							7	8
Per doz.,							\$12.50	14.50

BACKING SHAVES.



No. 84.

Inch,	5	6	7	8	9
Per doz.,	\$12.00	12.50	12.50	14.50	16.50

HOLLOWING SHAVES.



No. 85.

Inch,	4½	5	6	7	8
Per doz.,	\$12.00	12.00	12.50	12.50	14.50
Double Crook Shaves, or Hollowing and Backing Shave combined,					
per doz.,	\$25.00				

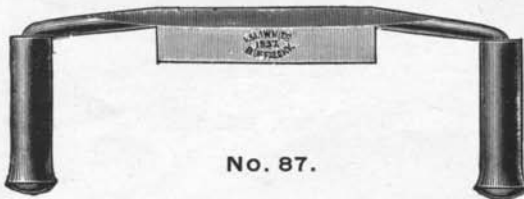
SHAVEUP SHAVES.



No. 86.

Inch,					7	8
Per doz.,					\$12.50	14.50

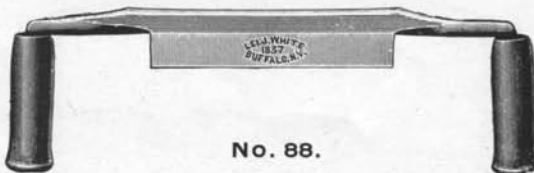
HOOP SHAVES.



No. 87.

Inch,	7	8	9	10	11	12	13	14
Per doz.,	\$11.25	13.25	15.25	17.25	19.25	21.25	23.25	25.25

PARING SHAVES.



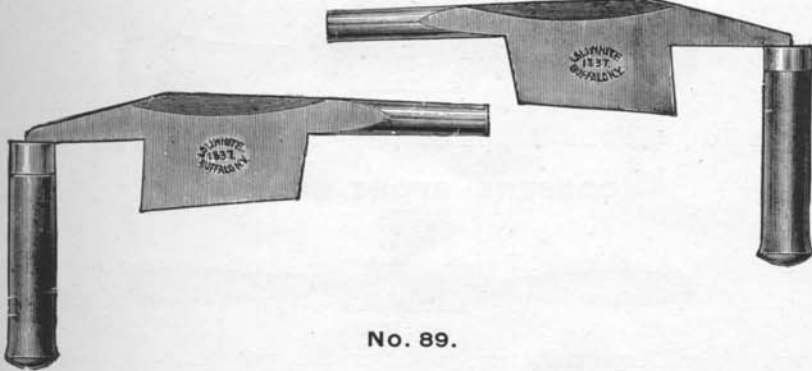
No. 88.

Inch,	7	8	9	10	12
Per doz.,	\$11.25	13.25	15.25	17.25	24.00

CHAMPER KNIVES.— RIGHT AND LEFT HAND.

RIGHT.

LEFT.



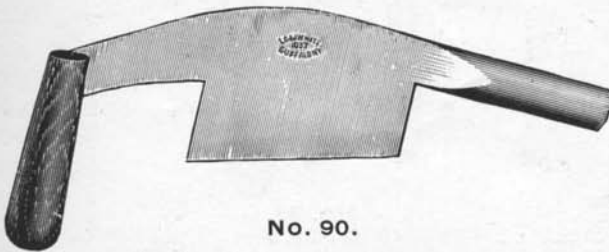
No. 89.

Inch,	3½	4	4½	5	5½	6	6½
Per doz.,	\$15.00	15.00	17.50	18.50	20.50	22.50	24.50

Champer Knives, Cleveland Pattern, White's Improved Extra Heavy Double Steel, for oil, pork, and whisky barrel work.

6-inch, 6 to 7 lbs., per doz.,	\$26.00
6-inch, 7¼ to 8 lbs., per doz.,	28.00
6½-inch, 8¼ to 9 lbs., per doz.,	30.00
7-inch, 9¼ to 11 lbs., per doz.,	33.00
7-inch, 12 lbs., per doz.,	36.00

When ordering, state for which hand the wood handle is wanted.



No. 90.

Champer Knives, for hogsheads, iron handles, per doz.,	\$30.00
Howeling Knives, same price as Champering Knives.	

BEER KEG CHAMPER KNIVES.



No. 91.

Per doz.,	\$42.00
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COOPERS' SPOKE SHAVES.



No. 92.

Double Iron, walnut handles, per doz., \$14.00

COOPERS' SPOKE SHAVES.



No. 93.

Improved, or Cleveland Pattern, walnut handles, per doz., . . . \$14.00

KEG SPOKE SHAVES.



No. 94.

Double Iron, walnut handles, per doz., \$14.00

COOPERS' INSHAVES.



No. 95.

One Handle, per doz., \$11.50

Two Handles, per doz., 11.50

COOPERS' FROES.



No. 96.

Solid Cast Steel.

Inch, . . .	6	7	8	9	10	12	14	16
Per doz., .	\$9.00	10.50	12.00	13.50	15.00	18.00	21.00	24.00

COOPERS' SOCKET DRIVERS.



No. 97.

Handled, per doz., \$11.25

COOPERS' NANTUCKET DRIVERS.



No. 98.

Per doz., \$7.50
 Handled, extra, per doz., 2.00

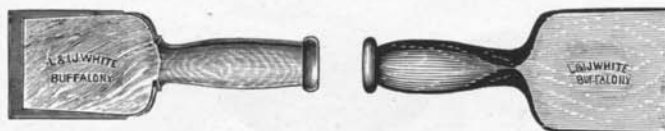
COOPERS' SHORT AND OVAL DRIVERS.



No. 99.

Per doz., \$11.25
 Handled, extra, per doz., 2.00

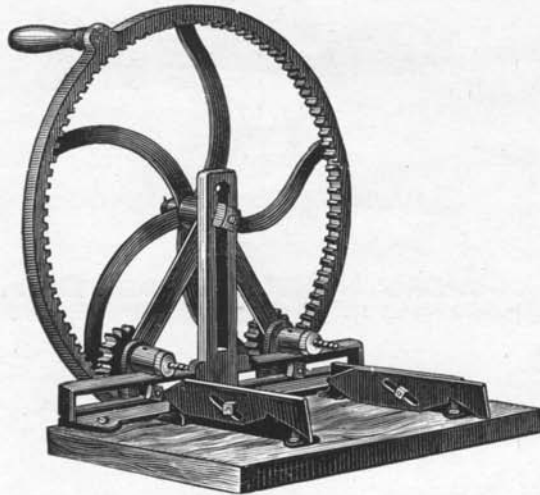
COOPERS' HICKORY DRIVERS.



No. 100.

Finished, with wrought-iron rings, per doz., \$4.00
 Unfinished, with wrought-iron rings, per doz., 3.00
 Iron bound, per doz., 12.50

COOPERS' DOWEL MACHINES.



No. 101.

Per doz., \$66.00

COOPERS' DOWEL FORMS.



No. 102.

Per doz., \$15.00

COOPERS' MACHINE DOWEL BITS.



No. 103.

Jennings' Patent.

Inch,	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
Per doz.,	\$4.00	4.50	5.00

Coopers' Dowel Bits for Brace, same price.

COOPERS' RAISING IRONS.



No. 104.

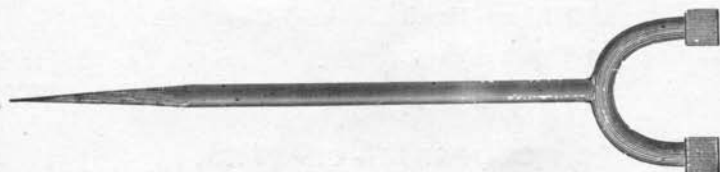
Per doz., \$3.00

COOPERS' FLAGGING IRONS.



No. 105.

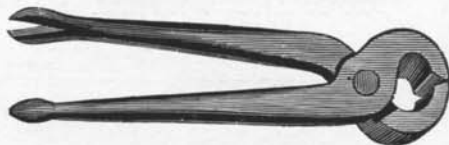
Per doz., small, \$7.50



No. 106.

Per doz., large, \$24.00

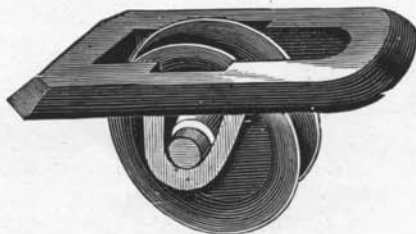
COOPERS' PINCERS.



No. 107.

Per doz., \$13.50

COOPERS' PULLEYS.



No. 108.

Per doz., \$6.00

COOPERS' HAMMERS.



No. 109.

Hickory Handles. Solid Cast Steel.

	3 to 3½ lbs.	3¾ to 4½ lbs.	4¾ to 5½ lbs.	5¾ to 6 lbs.
Per doz.,	\$19.00	22.00	25.00	27.00

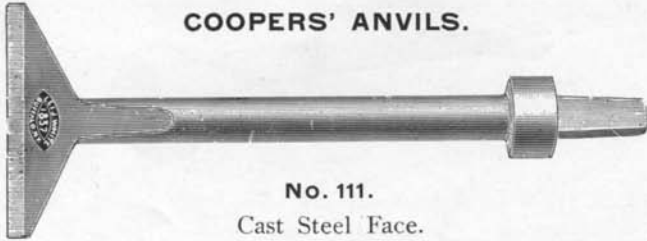
COOPERS' SCRAPERS.



No. 110.

Per doz.,	\$6.00
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COOPERS' ANVILS.

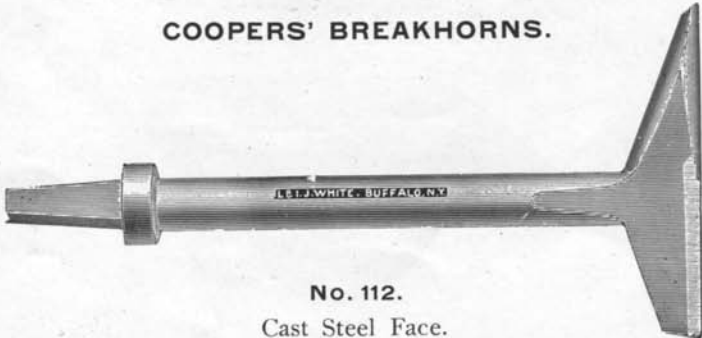


No. 111.

Cast Steel Face.

Price, per lb.,	\$0.25
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COOPERS' BREAKHORNS.



No. 112.

Cast Steel Face.

Price, per lb.,	\$0.25
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COOPERS' ADJUSTABLE BUNG BORER.



No. 113.

Per doz., \$30.00

PHILADELPHIA BUNG BORER.

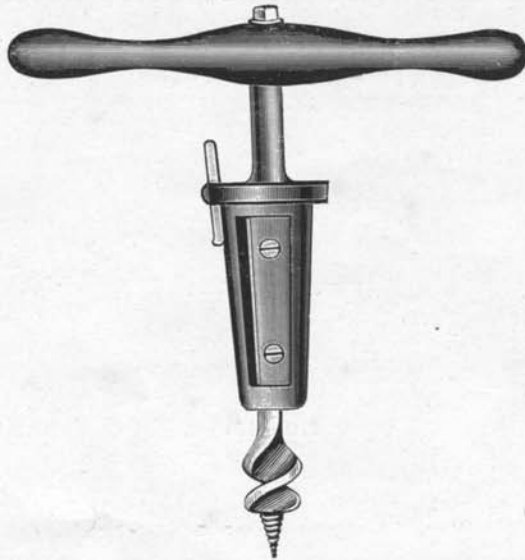


No. 114.

No. 1, boring $\frac{5}{8}$ inch to $1\frac{1}{2}$ inches, per doz., \$22.50
 No. 2, boring $1\frac{1}{8}$ inches to 2 inches, per doz., 30.00
 No. 3, boring $1\frac{1}{2}$ inches to 3 inches, per doz., 45.00

The most complete Bung Hole Borer in the market. To sharpen the stock or reamer, file the inside of slot only.

IMPROVED BUNG BORER AND REAMER.



No. 114 A.

Reams $1\frac{3}{8}$ to 2-inch hole, per doz.,	\$72.00
Reams $1\frac{3}{4}$ to $2\frac{1}{4}$ -inch hole, per doz.,	78.00
Reams 2 to $2\frac{1}{2}$ -inch hole, per doz.,	84.00
Reams $2\frac{1}{2}$ to 3-inch hole, per doz.,	90.00

COOPERS' FLOAT IRONS.



No. 115.

4 to $4\frac{1}{2}$ inches wide, 7 inches long, per doz.,	\$10.00
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COOPERS' HOWEL IRONS.



No. 116.

Per doz.,	\$4.00
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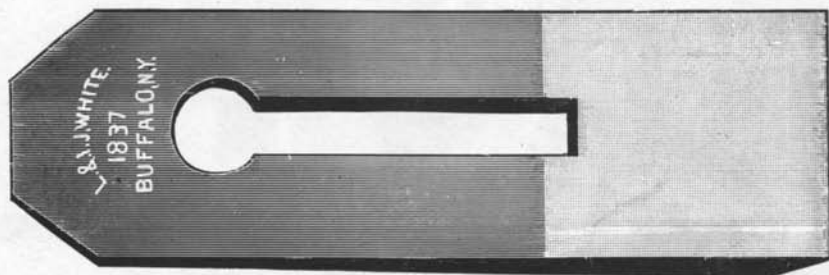
COOPERS' LEVELER IRONS.



No. 117.

Per doz., \$3.25

COOPERS' JOINTER IRONS.

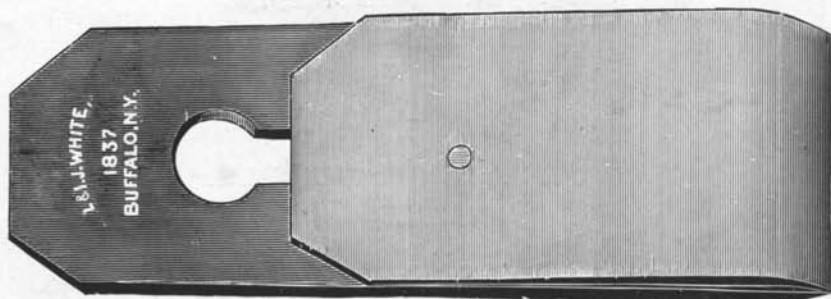


No. 117A.

10 Inches Long, Single.

Inch, . . .	2½	2¾	3	3¼	3½	4	4½
Per doz., . .	\$6.75	8.25	9.75	10.25	10.50	12.00	15.00

COOPERS' JOINTER IRONS.



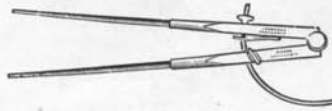
No. 117B.

10 Inches Long, Double.

Inch, . . .	2½	2¾	3	3¼	3½	4	4½
Per doz., . .	\$12.30	15.15	17.00	18.25	19.50	21.00	24.00

Special sizes made to order.

COOPERS' WING COMPASSES.



No. 118.
Cast Steel.

Inch, . . .	5	6	7	8	9	10	12	15
Per doz.,	\$5.50	5.50	6.50	7.50	9.00	10.00	12.00	18.00

COOPERS' RIVET SETS.



No. 119.



No. 120.

Single, per doz.,	\$11.25
Double, per doz.,	15.00

COOPERS' VISES.



No. 121.

Per doz.,	\$5.00
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COOPERS' PUNCHES.



No. 122.

Per doz.,	\$4.50
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COOPERS' WORM PUNCHES.



No. 123.

Per doz.,	\$3.00
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COOPERS' V IRONS.



No. 124.

Per doz.,	\$2.50
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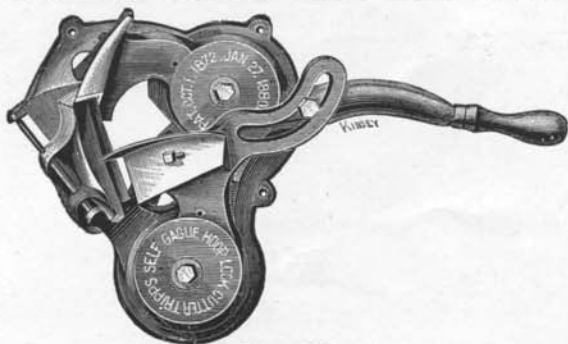
No. 125.

V Irons, for iron block crozes (not warranted), per doz., . . . \$5.00

MISCELLANEOUS.

Croze Irons, per doz. sets, . . . \$3.75
 Croze Irons, for beer barrel croze, per doz. sets, . . . 7.50
 Spoke Shave Irons, per doz., . . . 3.60
 Gough Howel Irons, per doz., . . . 6.00

TRIPPS' SELF-GAUGE HOOP LOCK CUTTER.

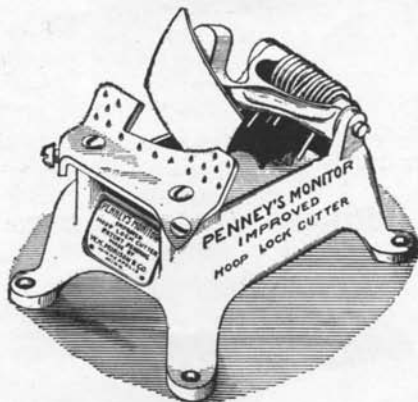


No. 126.

Each, . . . \$8.00
 Extra knives for self-gauge, per pair, . . . 1.50

This machine cuts the lock in one motion.

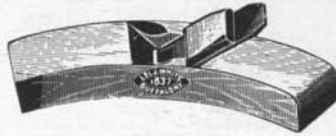
PENNEY MONITOR IMPROVED HOOP LOCK CUTTER.



No. 126B.

Price, each, . . . \$8.00

COOPERS' LEVELERS.



No. 127.

Beech, per doz.,	\$10.50
Applewood, per doz.,	15.00
Lignumvitæ, per doz.,	30.00

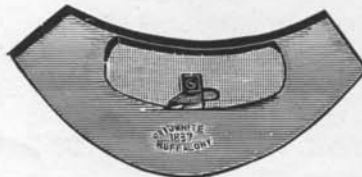
IMPROVED IRON BLOCK CROZES.



No. 128.

Per doz.,	\$18.00
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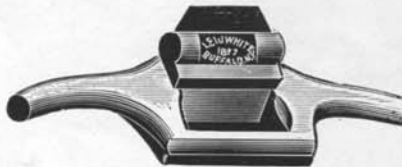
V CROZES.



No. 129.

Beech, per doz.,	\$11.25
Beech, brass face, per doz.,	13.25
Applewood, brass face, per doz.,	15.00
Applewood face, per doz.,	13.50

COOPERS' HEAD FLOATS.



No. 130.

Cleveland Pattern, iron top, per doz.,	\$42.00
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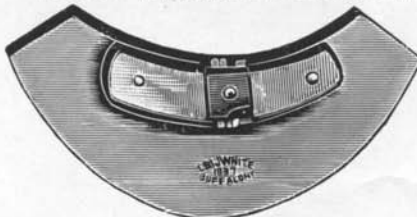
TIGHT BARREL HOWELS.



No. 131.

Maple, per doz.,	\$17.00
Applewood, per doz.,	21.00
Gouge Howels, for oil barrels, Cleveland Pattern, per doz.,	21.00
Cleveland Pattern, 1½ iron, applewood, per doz.,	27.00
Beer Barrel Howels, 2½ iron, per doz.,	24.00
Beer Barrel Howels, 2½ iron, applewood, per doz.,	27.00

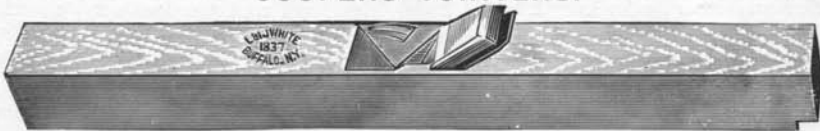
TIGHT BARREL CROZES.



No. 132.

Maple and beech, per doz., \$13.50	Beer Crozes, per doz.,	\$24.00
Applewood, per doz.,	21.00	Beer Crozes, applewood, per doz., 27.00

COOPERS' JOINTERS.



No. 133.

SINGLE IRONS.

3 to 3½ feet long, maple, 2½ inch iron, each,	\$1.60
4 to 4½ feet long, maple, 2⅝ inch iron, each,	2.00
5 to 5½ feet long, maple, 2¾ inch iron, each,	2.75
6 feet long, maple, 2¾ inch iron, each,	3.10

DOUBLE IRONS.

3 to 3½ feet long, maple, 2½ inch iron, each,	2.00
4 to 4½ feet long, maple, 2⅝ inch iron, each,	2.50
5 to 5½ feet long, maple, 2¾ inch iron, each,	3.15
6 feet long, maple, 2¾ inch iron, each,	4.40

SINGLE IRONS.

3 to 3½ feet long, applewood, 2½ inch iron, each,	2.75
4 to 4½ feet long, applewood, 2⅝ inch iron, each,	3.20

DOUBLE IRONS.

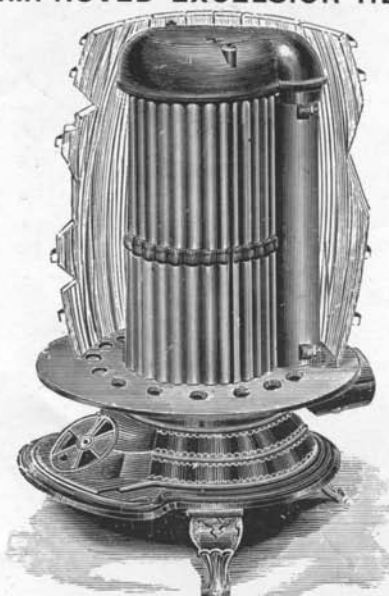
3 to 3½ feet long, applewood, 2½ inch iron, each,	3.15
4 to 4½ feet long, applewood, 2⅝ inch iron, each,	3.50

A pair of Coopers' Jointers consists of one single iron heading and one double iron stave jointer. When ordering, state what kinds are wanted, single iron heading, double iron heading, or double iron stave, and maple or applewood.

THE IMPROVED EXCELSIOR HEATER.

**MOST PERFECT
HEATER IN
EXISTENCE.**

**GOOD JUDGES
SAY IT IS
WITHOUT
A FAULT.**



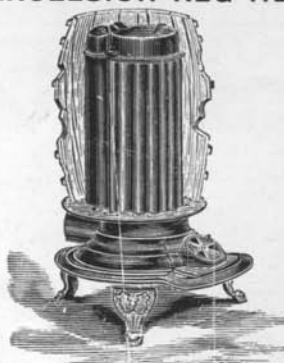
**DURABLE,
ECONOMIC,
CONVENIENT.**

**SAFE,
RAPID,
AND
PERFECT.**

No. 134.

It burns hard or soft coal, coke or wood, does not smoke, and there is no danger from fire; requires very little attention, and every barrel is evenly heated. Will heat more barrels in a given length of time and do it in a more satisfactory manner than any other device known to the trade. One hard coal fire does a day's work. Has a shaking and dumping grate, and draft can be regulated according to its work. Price each, net, \$15.00

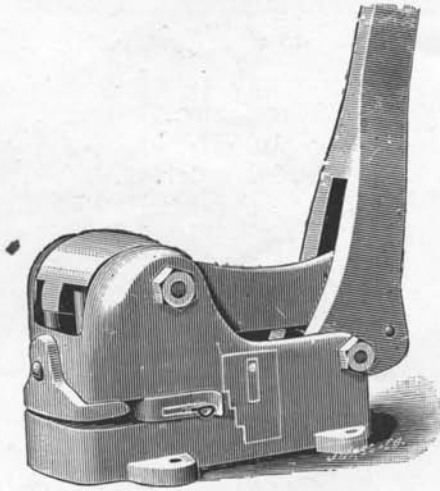
THE EXCELSIOR KEG HEATER.



No. 135.

This Heater is built on the same principle as the Barrel Heater and works as perfectly. Is 9½ inches in diameter and 16 inches in height from the ring to the top. Is suitable for all classes of small work and will save its cost in a very short time. Will burn either hard or soft coal, wood or coke, and is guaranteed to give satisfaction. Price each, net, \$11.00

COOPERS' PUNCH MACHINE.

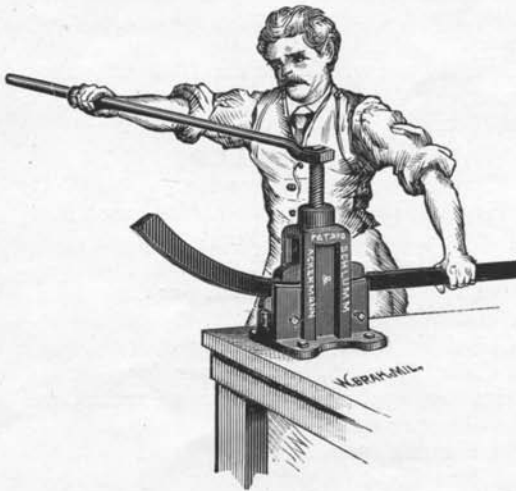


No. 135A.

Suitable for Heaviest Beer Keg Iron.

Price, each, net, \$14.00

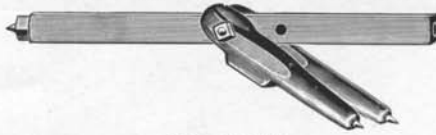
COOPERS' FLARING MACHINE.



No. 135B.

Price, each, net, \$22.00

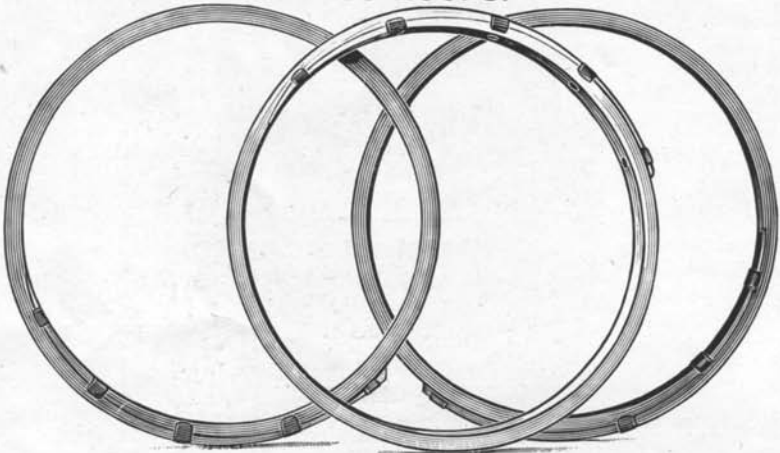
BEER KEG KNIFE REST.



No. 135 C.

Price, each, \$2.00

TRUSS HOOPS.

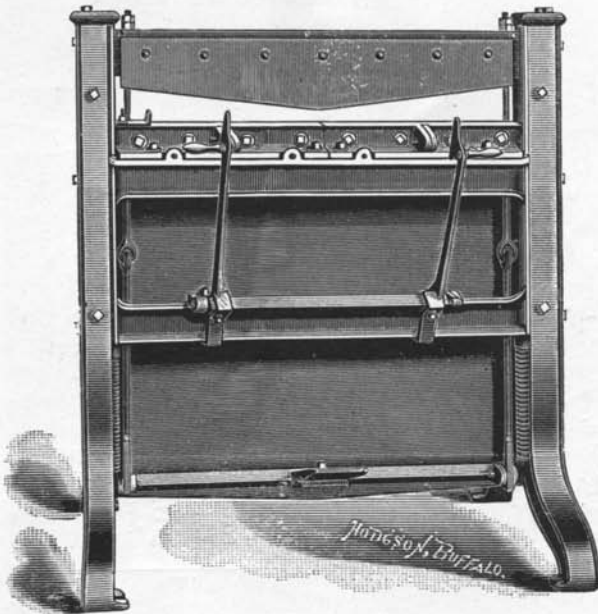


Truss Hoops, tight barrels, 18 to 20 inches, 6 hoops, No. 1, per set, \$5.50
 Truss Hoops, tight barrels, 18 to 20 inches, 6 hoops, No. 2, per set, 5.00
 Truss Hoops, tight barrels, for half barrels, firkins, or kegs, 6 hoops, 3.50
 Truss Hoops, flour, fruit, or slack barrels, 16 to 18 inches, 5 hoops,
 No. 1, per set, 4.50
 Truss Hoops, flour, fruit, or slack barrels, 16 to 18 inches, 5 hoops,
 No. 2, per set, 3.50
 Truss Hoops, fruit or slack half barrels, per set, 3.00

HANDLES.

Coopers' Adze Handles, applewood, per doz., \$2.00
 Coopers' Adze Handles, applewood, with bolts, per doz., 3.00
 Coopers' Axe Handles, hickory, per doz., 2.00
 Coopers' Spokeshave Handles, walnut, per doz.,75
 Coopers' Champer Knife Handles, walnut, per doz., 1.50
 Coopers' Shave Handles, walnut, per doz.,75
 Socket Firmer Chisel Handles, applewood, per doz.,75
 Socket Framing Chisel Handles, hickory, per doz., 1.00
 Firmer Chisel Handles, applewood, cast brass ferruled, per doz., . . 1.25
 Socket Slick Handles, per doz., 2.50
 Carpenters' Adze Handles, per doz., 3.50
 Ship Carpenters' Adze Handles, per doz., 3.50
 Ship Carpenters' Axe Handles, per doz., 2.75
 Hand Axe Handles, 15 inches to 17 inches long, per doz.,75
 Hand Axe Handles, 18 inches to 20 inches long,90
 Leather Caps on Chisel Handles, extra, per doz.,50

STAVE JOINTING MACHINES.



No. 136.

Warranted to give satisfaction, each, \$70.00

MACHINE KNIVES — MADE TO PATTERNS FURNISHED.

PLANING MACHINE KNIVES,
 BARREL MACHINE KNIVES,
 SHINGLE MACHINE KNIVES,
 SHEAR BLADES,
 PAPER TRIMMING KNIVES,
 LEATHER SPLITTING KNIVES,
 HOOP AND CHEESE BOX KNIVES,
 TOBACCO KNIVES,

CUTTING DIES.



ESTABLISHED, 1837.
THE L. & I. J. WHITE CO.
 MANUFACTURERS OF

MACHINE KNIVES

Planing, Moulding, Shingle, Stave, Hoop
 and Veneer,
 PLATED STOCK AND BLANKS FOR MOULDING CUTTERS,
 OTHER MACHINE CUTTERS TO PATTERN.

BUFFALO, N. Y., U. S. A.
Moulding Cutters can be ordered by number from Universal Moulding Book.

Warranted Superior Quality.

We also make any knife or tool for which pattern is furnished, and warrant all our work.

Quotations furnished on application.

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HIGHEST AWARDS, PARIS EXPOSITION. TWO GOLD MEDALS, PAN-AMERICAN EXPOSITION.

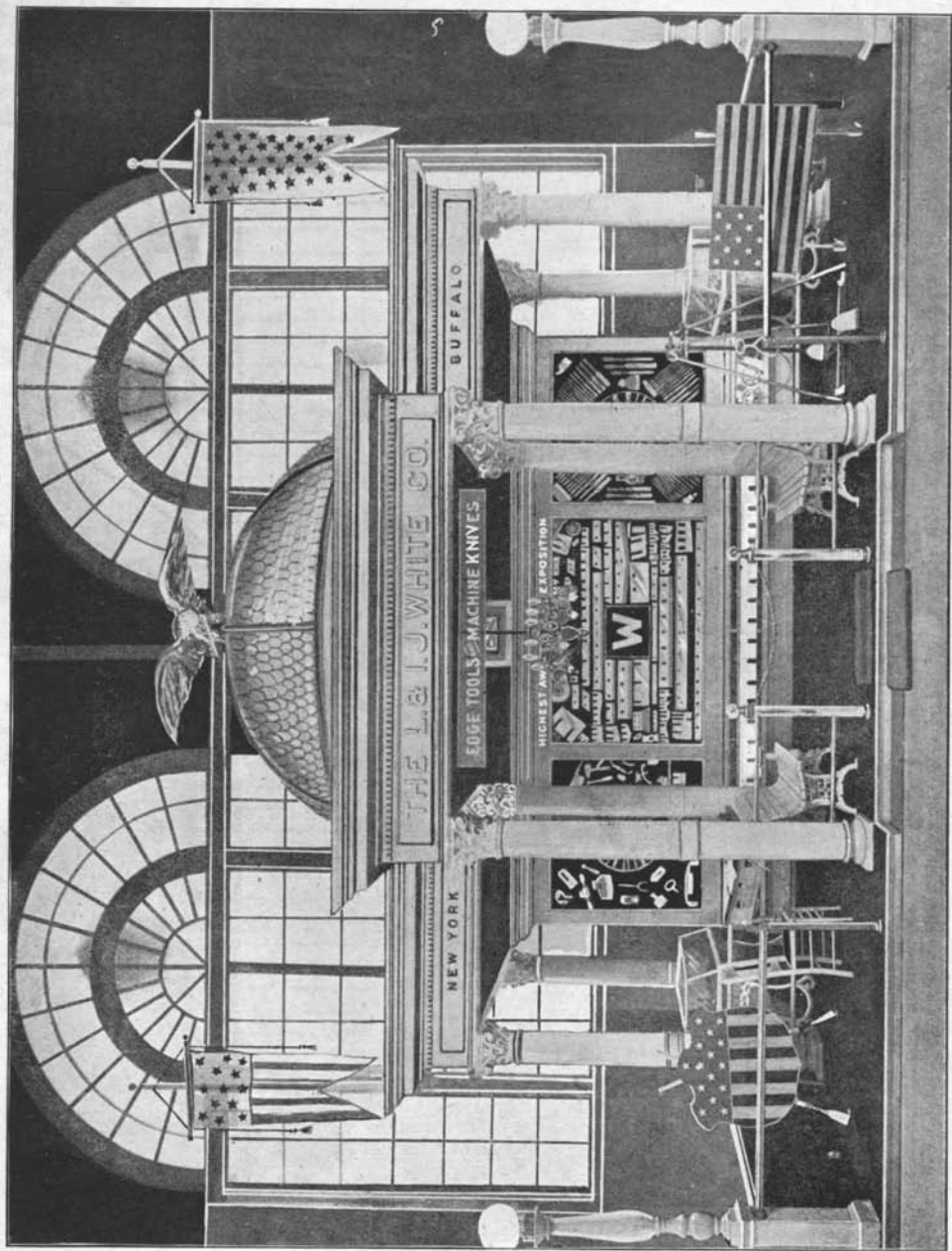


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