



Price-List
of
Breast Drills, Braces,
Ferrules, Etc., Etc.

190



Manufactured by

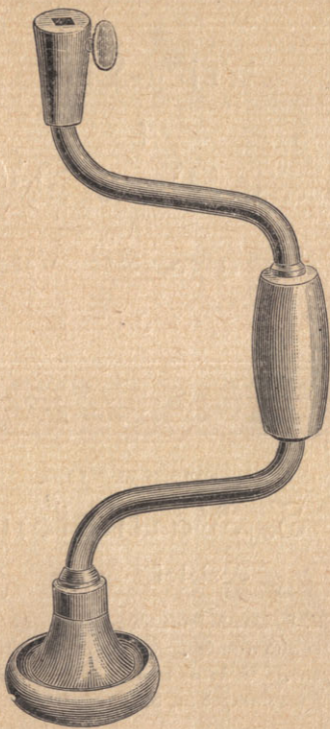
H. S. Bartholomew,
Bristol, Conn.

All of H. S. Bartholomew's goods are stamped with his name and number. All Braces are straightened to run true. Take no goods with my numbers unless they are stamped H. S. Bartholomew.

The Business Established by
H. S. Bartholomew in 1855.

THE BARTHOLOMEW BALL BRACE.

Invented by the present maker about thirty years ago, has displaced all other cheap Braces in America. The mode of manufacture has been universally adopted for all kinds of Braces. The bow shaped

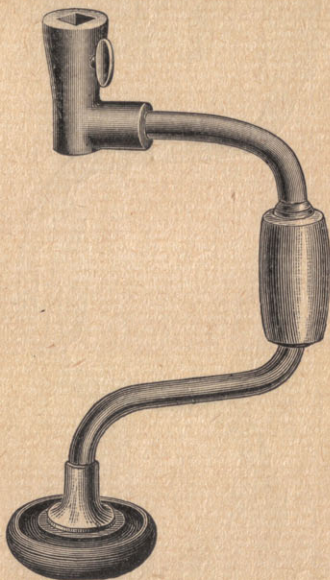


rod is steel, finished bright, with bit holding parts of good malleable iron. The breast block and revolving handle are of light, nicely finished, wood.

- Per Dozen
- | | | | |
|---------|----|--------------------------------|----|
| No. 25, | 8½ | inch sweep, Screw, Ball Brace, | \$ |
| No. 27, | 8½ | “ “ “ Heavy “ | “ |
| No. 30, | 10 | “ “ “ | “ |

Patented May 21, 1861.

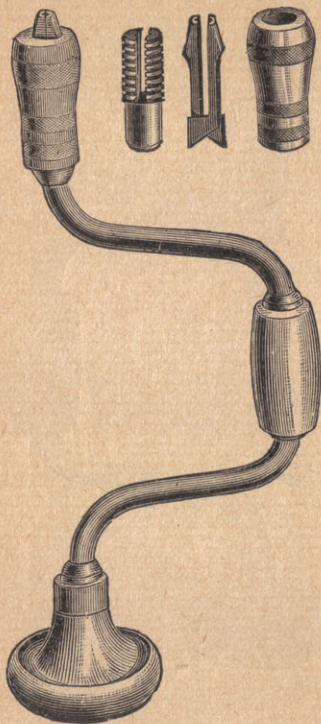
MACHINIST SCREW-DRIVER BRACE.



				Per Dozen	
No. 99,	10 inch sweep,	-	-	-	\$
No. 100,	12 " " "	-	-	-	

BARTHOLOMEW CHEAP GRIP BRACE.

These Braces combine the good qualities of the expensive with the low price of the common. Patent automatic jaws, adjustable, with



shell nut, with fine thread 12 to the inch, steel bows brightly finished, breast block and revolving handle of hard wood, neatly finished, making a good, substantial tool, parts pinned and riveted.

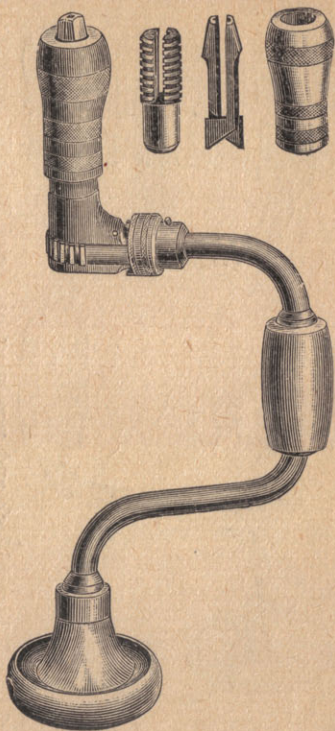
- | | | |
|----------|--------------------------------|----|
| No. 117, | 8 inch sweep, adjustable jaws, | \$ |
| No. 118, | 8½ " " " " | |
| No. 119, | 10½ " " " " | |

Per Dozen

Patented May 21, 1861; May 24, 1870.

BARTHOLOMEW CHEAP RATCHET BRACE.

These Braces combine the good qualities of the expensive with the low price of the common. Patent automatic jaws, adjustable, with shell nut, with fine thread 12 to the inch, right and left two pawl



ratchet, and positive action, steel bows brightly finished, breast block and revolving handle of hard wood, nearly finished, making a good, substantial tool. Pawls hardened, parts pinned and riveted.

No. 129, Ratchet Brace, 10 inch sweep, \$
adjustable jaws,

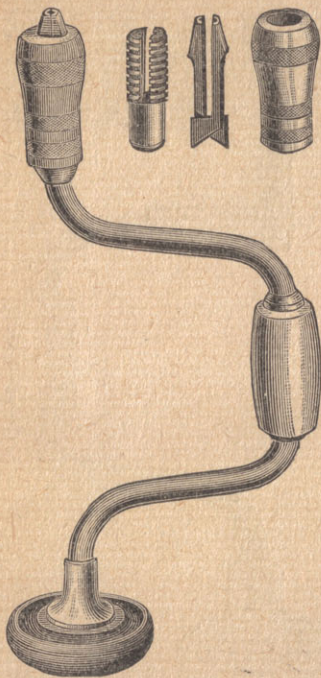
No. 130, 12 inch sweep,

Pat., May 21, 1861; Dec. 6, 1864; May 24, 1870.

Per Dozen

BARTHOLOMEW MEDIUM BRACE.

These Braces combine the good qualities of the expensive with the low price of the common. Patent automatic jaws, adjustable, with shell nut, with fine thread 12 to the inch, steel bows, brightly



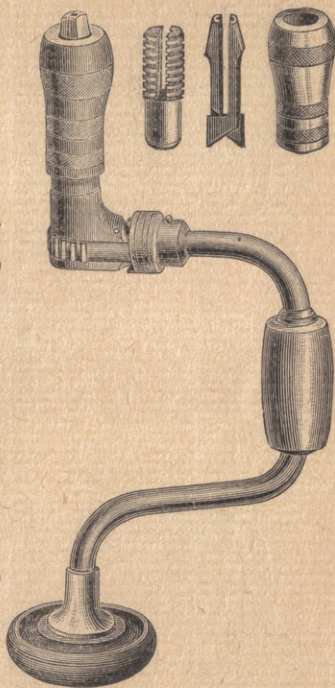
finished, breast block and revolving handle of Black Walnut, neatly finished, with malleable iron quill attaching the head to the Brace, making a good, substantial tool. Furnished, when ordered, Nickel Plated at \$1.00 per dozen, extra, net. Parts pinned and riveted.

- Per Dozen
- | | | | |
|---------|---------------|------------------|----|
| No. 73, | 8 inch sweep, | adjustable jaws, | \$ |
| No. 74, | 8½ | " " | " |
| No. 75, | 10 | " " | " |
| No. 76, | 12 | " " | " |

Patented May 21, 1861; May 24, 1870.

BARTHOLOMEW MEDIUM RATCHET BRACE.

These Braces combine the good qualities of the expensive with the low price of the common. Patent automatic jaws, adjustable, with shell nut, with fine thread 12 to the inch, right and left two pawl ratchet, and positive action, steel bows brightly finished, breast block



and revolving handle of Black Walnut, neatly finished, with malleable iron quill attaching the head to the Brace, making a good, substantial tool. Furnished, when ordered, Nickel Plated at \$1.00 per dozen, extra, net. Pawls hardened, parts pinned and riveted.

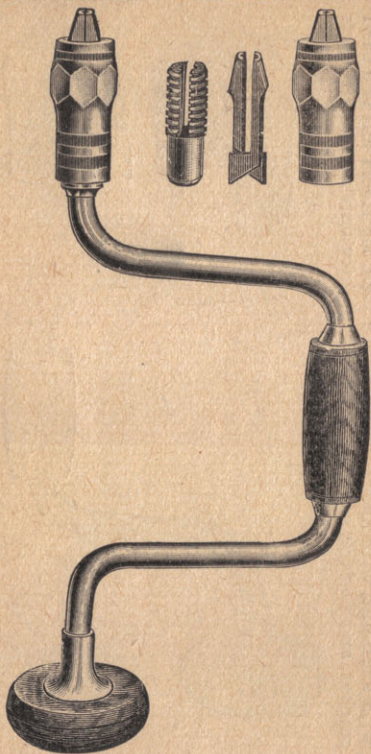
No. 79, 10 inch sweep, adjustable jaws, \$
 No. 80, 12 " " " "

Per Dozen

Patented Dec 6, 1864; May 24, 1870.

BARTHOLOMEW EXCELLENT BRACE.

These Braces have patent automatic adjustable jaws, hardened, with shell nut, with fine thread 12 to the inch, steel bows, highly finished, Nickel Plated, breast block and revolving handle of fancy



wood, neatly finished, with malleable iron quill attaching the head to the Brace, making a superior substantial tool. Parts pinned and riveted.

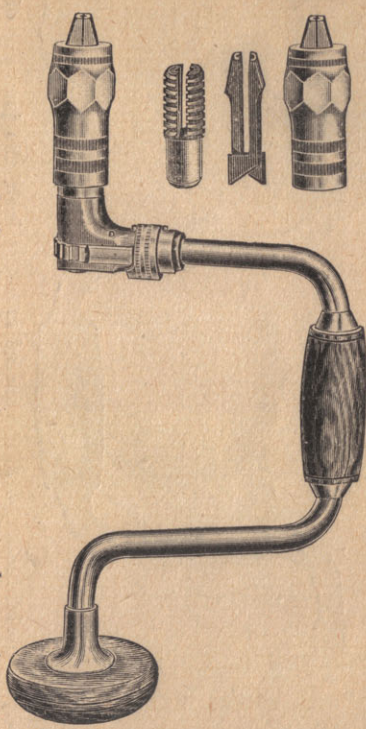
- | | | |
|----------|-----------------------------------|--|
| No. 413, | 8 inch sweep, adjustable jaws, \$ | |
| No. 412, | 10 " " " " | |
| No. 411, | 12 " " " " | |

Per Dozen

Patented May 21, 1861; May 24, 1870.

Bartholomew Excellent Ratchet Brace.

These Braces have patent automatic adjustable jaws, hardened with shell nut, with fine thread 12 to the inch, right and left two pawl ratchet, and positive action, steel bows, highly finished, Nickel



Plated, breast block and revolving handle of fancy wood, neatly finished, with malleable iron quill attaching the head to the Brace, making a superior substantial tool. Pawls hardened, parts pinned and riveted.

Per Dozen

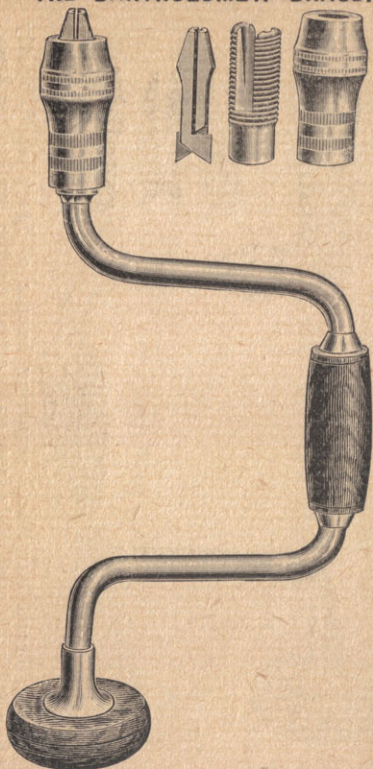
No. 439, 10 inch sweep, adjustable jaws, \$

No. 440, 12 " " " "

Patented Dec. 6, 1864; May 24, 1870.

THE BARTHOLOMEW BRACE.

These superior Braces are Nickel Plated, the bows of steel, breast block of Lignum-vitæ, with superior step bearing and fastening, hand roll of fancy wood, highly finished. Bartholomew's Patent



adjustable bit holder, with fine thread 12 to the inch, the jaws are of cast steel, tempered, working automatically, without spring or any appliance to get out of order. Parts pinned and riveted, quills malleable iron.

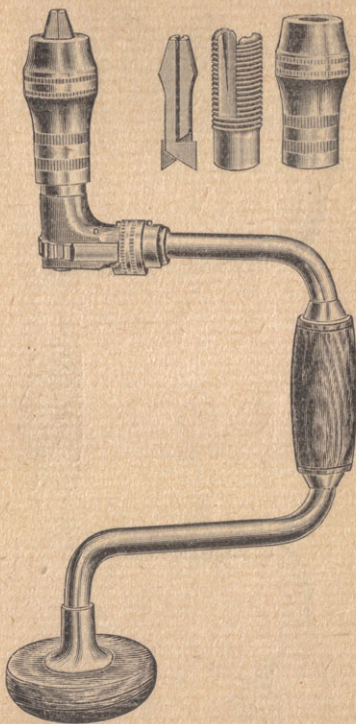
- | | | |
|----------|--------------------------------|----|
| No. II3, | 8 inch sweep, adjustable jaws, | \$ |
| No. II2, | 10 " " " " | |
| No. III, | 12 " " " " | |

Per Dozen

Patented May 21, 1861; May 24, 1870.

BARTHOLOMEW RATCHET BRACE.

These Nickel Plated Ratchet Braces are finished the same as the Bartholomew Brace, and in addition have the best right and left two



pawl ratchet attachment, or can be used as a solid Brace. The working parts are simple and durable. Pawls hardened, parts pinned and riveted, quills malleable iron. Every tool warranted.

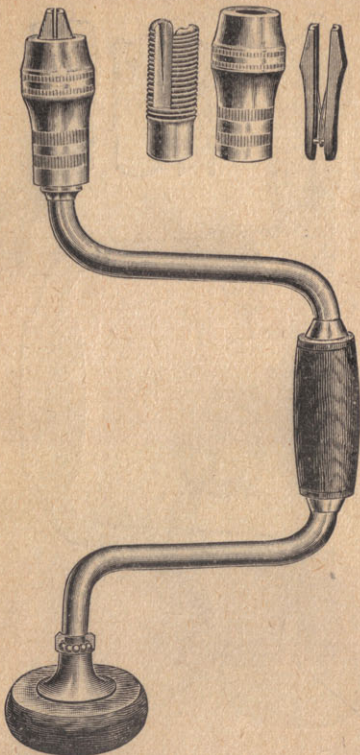
- | | | |
|----------|--------------------------------|----|
| No. 138, | 8 inch sweep, adjustable jaws, | \$ |
| No. 139, | 10 " " " | 5 |
| No. 140, | 12 " " " | 6 |

Per Dozen

Patented Dec. 6, 1864; May 24, 1870.

H. S. Bartholomew's Forged Steel Jaw Brace.

The bows are of Steel, Nickel Plated, breast block of Lignum-vitæ, with Ball Bearing, hand roll of fancy wood, jaws of forged steel,

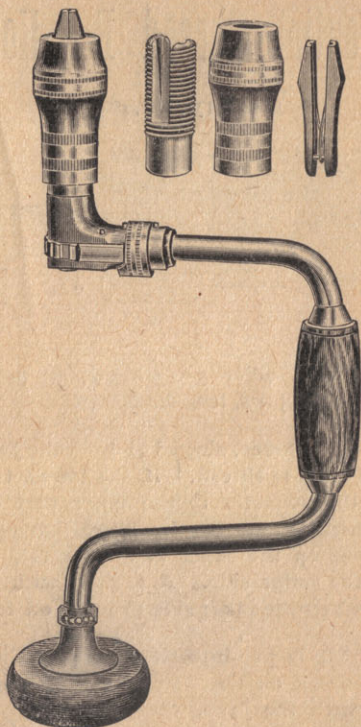


hardened, thread 12 to the inch in shell nut, style like the cut. Parts pinned and riveted, quills malleable iron. Every tool warranted.

No. 13,	8 inch sweep, adjustable jaws,	Per Dozen
No. 12,	10 " " "	\$
No. 11,	12 " " "	

Bartholomew's Forged Steel Jaw Ratchet Brace

The bows are of Steel, Nickel Plated, breast block of Lignum-vitæ, with Ball Bearing, (as shown in cut), making an easy and durable bearing, hand roll of fancy wood, jaws of forged steel,



hardened, thread 12 to the inch in shell nut, style like the cut, and having the best right and left two pawl ratchet attachment or can be used as a solid Brace. Pawls hardened, parts pinned and riveted, quills malleable iron. Every tool warranted.

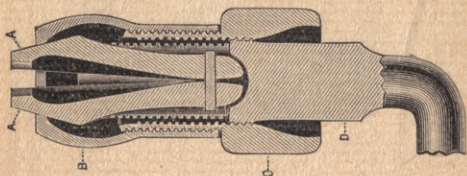
Per Dozen

- | | | | |
|---------|---------------|------------------|----|
| No. 33, | 8 inch sweep, | adjustable jaws, | \$ |
| No. 32, | 10 | " | " |
| No. 31, | 12 | " | " |

PATENT

Differential Thread Bit Holder.

Patented June 18, 1889.



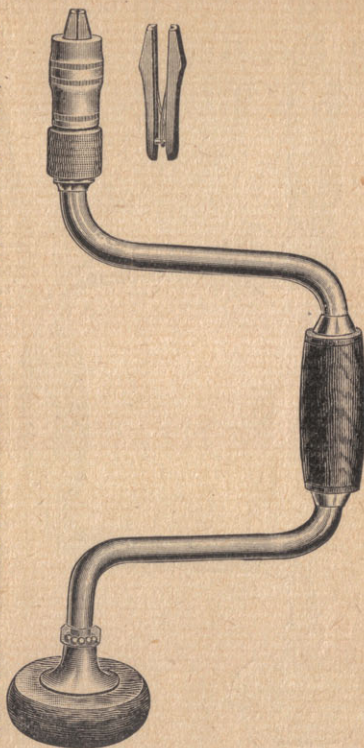
This Bit Holder gives a gripping power of 624 to 1 on the jaws, less the friction.

D is the Brace, slotted to hold the Jaws, on which is cut a 12 thread. *A*, the Jaws set in the slot in the socket. *C*, the inner part of the shell, which screws on the Brace, having a 12 thread cut on the inner side and a $12\frac{1}{4}$ thread cut on the outer side. *B*, a shell with a $12\frac{1}{4}$ thread cut on the inner side to screw on to *C*.

The Bit is put into the Jaws and the shell screwed down on the Brace until *B* comes in contact with the Jaws, when it stops revolving and *C* continues to screw down on to *D* and unscrews out of *B*, so that every turn of *D* draws *B* down $\frac{1}{624}$ of an inch, making *B* grip the Jaws very hard and firm.

H. S. Bartholomew's Differential Screw Brace.

These Braces have H. S. Bartholomew's new Differential Screw Bit Holder, having a gripping power of 624 to 1 less the friction, and will hold a round shank tool firm. The bows are of steel, Nickel



Plated, breast block of Lignum-vitæ, with Ball Bearing, (as shown in cut), making an easy and durable bearing, hand roll of fancy wood, jaws of forged steel, hardened. Parts pinned and riveted, quills malleable iron. Every tool warranted.

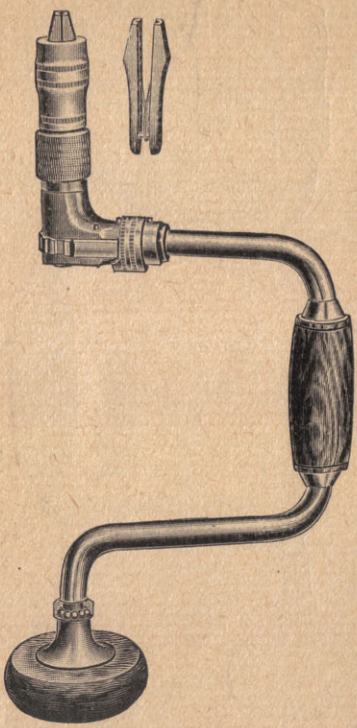
No. 513,	8 inch sweep, adjustable jaws,	\$
No. 512,	10 " " "	
No. 511,	12 " " "	

Per Dozen

Patented June 12, 1889.

H. S. BARTHOLOMEW'S DIFFERENTIAL SCREW RATCHET BRACE.

These Braces have H. S. Bartholomew's new Differential Screw Bit Holder having a gripping power of 624 to 1 less the friction, and will hold a round shank tool firm. The bows are of steel, Nickel Plated, breast block of Lignum-vitæ, hand roll of fancy wood, jaws of



forged steel, hardened, and having the best right and left pawl ratchet attachment or can be used as a solid Brace. Ball Bearing breast block as shown in cut. Pawls hardened, parts pinned and riveted, quills malleable iron. Every one warranted.

- | | | | |
|----------|--------------------------------|----|-----------|
| No. 533, | 8 inch sweep, adjustable jaws, | \$ | Per Dozen |
| No. 532, | 10 " " " | | |
| No. 531, | 12 " " " | | |

Patented June 18, 1889.

ARMSTRONG'S PATENT DOUBLE-GRIP BRACE.

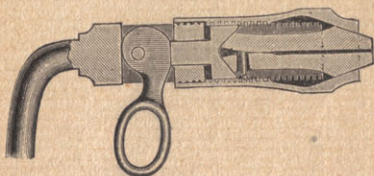
FOR HOLDING ROUND OR ANY SHAPED SHANK.

PARTS FINNED AND RIVETED.

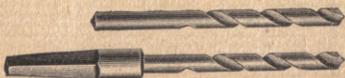


ARMSTRONG'S PATENT DOUBLE-GRIP BIT BRACE.

Patented Oct. 28, 1884.



This is the first Double-Grip Brace ever patented, and controls all mechanism for getting a grip on the jaws after the screw shell is brought down tight on to the jaws. It will grip round shanks or any shape, tight enough to drill iron.



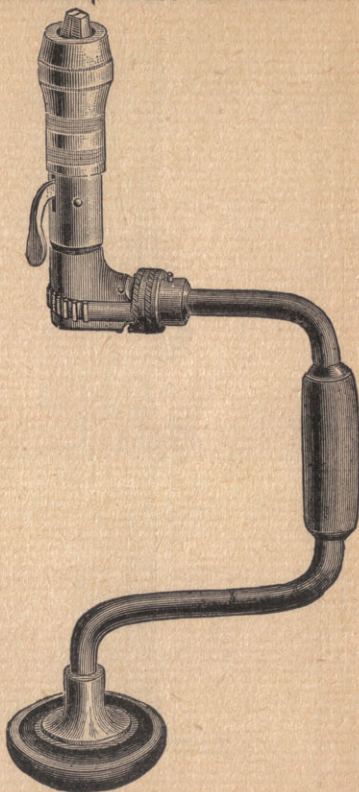
It is made of steel, nickel plated, forged steel jaws and shell, hardened, Lignum-vitæ head, fancy wood hand roll, all highly finished. A superior tool, warranted.

No. 013, 8 inch sweep,	-	-	-	-	\$24.00
No. 012, 10	"	-	-	-	27.00
No. 011, 12	"	-	-	-	30.00

H. S. BARTHOLOMEW, Sole Manufacturer, Bristol, Conn.

ARMSTRONG'S Patent Double-Grip Brace with Ratchet.

Holding any shaped shank to drill iron. It is made of steel, Nickel Plated forged steel jaws and shell, hardened, Lignum-vitæ head, fancy wood hand roll, all highly finished. A superior tool, warranted. See page 18. Pawls hardened, parts pinned and riveted.

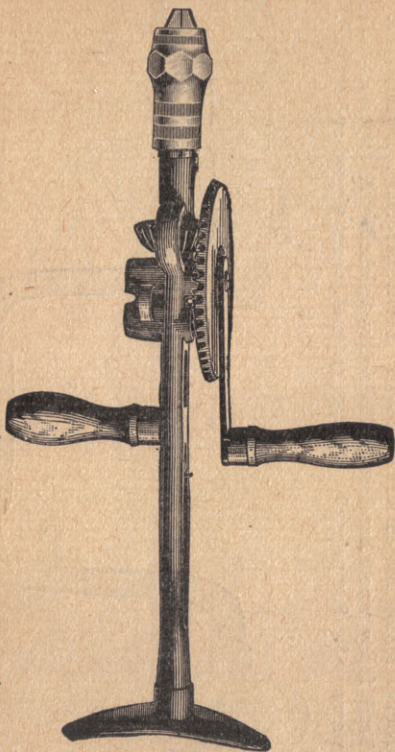


					Per Dozen
No. 033,	8 inch sweep,	-	-	-	\$33.00
No. 032,	10 "	-	-	-	36.00
No. 031,	12 "	-	-	-	39.00

Patented Oct. 28, 1884.

TWO-MOTION BREAST DRILL.

These Two-Motion Breast Drills will hold flat, square, oval, round, or any form of tool. The jaws are cast steel, tempered, and work



automatically, and will interchange with the Braces using either kind of jaw. The shell nut has squares on it for a wrench, if desired. The frame and gears are of malleable iron, warranted not to break.

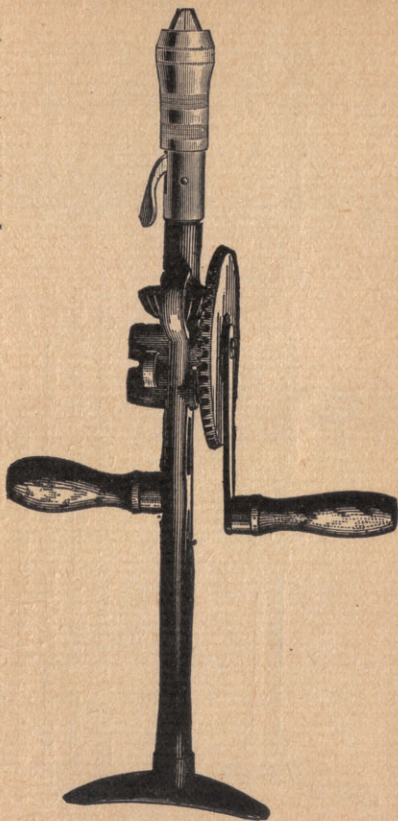
No. 12, with adjustable grip Chuck,

Per Dozen
\$

Patented May 24, 1870.

TWO-MOTION BREAST DRILL.

With Armstrong's Patent Cam Attachment, to give an extra gripe on the jaws. These Two-Motion Breast Drills will hold flat, square, oval, round, or



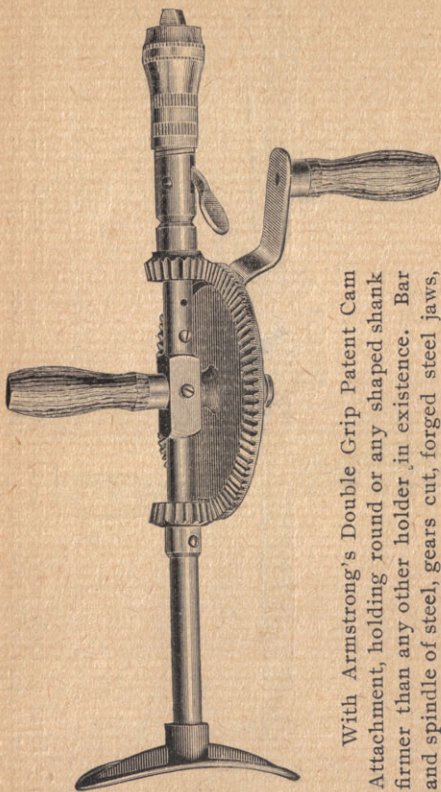
any form of tool. The jaws are forged steel, tempered, and work automatically, and will interchange with the Braces using either kind of jaw. Malleable iron frame and gears, warranted not to break.

No. 15,

Patented Oct. 28, 1884.

Per Dozen
\$6

DOUBLE GEARED BREAST DRILL.



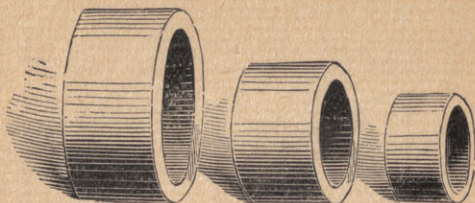
With Armstrong's Double Grip Patent Cam Attachment, holding round or any shaped shank firmer than any other holder in existence. Bar and spindle of steel, gears cut, forged steel jaws, shell and jaws hardened. A nicely finished tool, with fancy wood handles. Every tool warranted.

Per Dozen

No. 13,

Patented Oct. 28, 1884.

MALLEABLE FERRULES.



In Boxes

1 1/4 inch, per gross,	-	-	-	-	\$
1 1/8 " " "	-	-	-	-	
1 " " "	-	-	-	-	
7/8 " " "	-	-	-	-	
3/4 " " "	-	-	-	-	
5/8 " " "	-	-	-	-	
1/2 " " "	-	-	-	-	

Brace Jaws sent by mail, Fifteen Cents per pair. If money accompanies the order, Ten Cents.

Jaws to hold round shank drills furnished on receipt of 15 cents per pair. Sent by mail when ordered.

Duplicates of all parts of articles made sent by mail when solicited.

