

1892. Illustrated Catalogue 1892.

—OF—

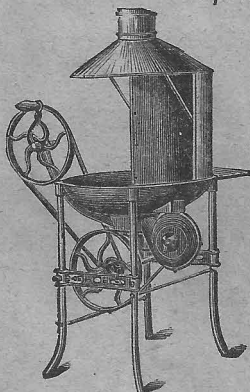
POTTS & WEBER,

LANCASTER, PA., U. S. A.,

Manufacturers of Improved

Portable Forges,

DRILL PRESSES,



TIRE BENDERS,

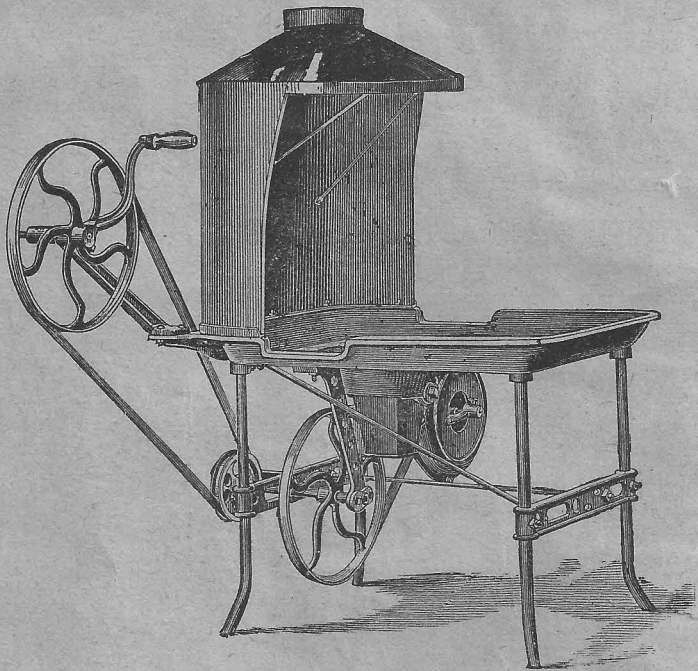
Crank & Lever Blowers

*Upsetters, Swadges, Vises, Cone Mandrels,
Tuyere Irons, Bolt Clippers, Screw
Plates, Taps and Dies, Twist
Drills, Hammers, Tongs,*

—AND—

Blacksmiths' Tools in General.

SEND FOR DISCOUNTS.



No. 1 Crank Forge.

Size of bed pan, 30x40 inches. Height, 30 inches. Fan case, 16 inches. Weight 250 lbs.

Has a flange on pulley of lower shaft to prevent belt running off. Has a deep and large fire box, with ball tuyere iron. It is well adapted for heavy carriage and blacksmith work, as it produces a powerful blast.

Price, \$50. With Water Tank, \$55.

Discount,



No. 2 Crank Forge.

Hearth, 21x28 inches. Height, 30 inches. Fan, 12 inches.
Weight, 160 lbs.

Has the ball tuyere iron. Pulley on lower shaft has flanges
to prevent belt running off. Strong and durable and suited for
heavy work.

Price, \$40.

Discount.....



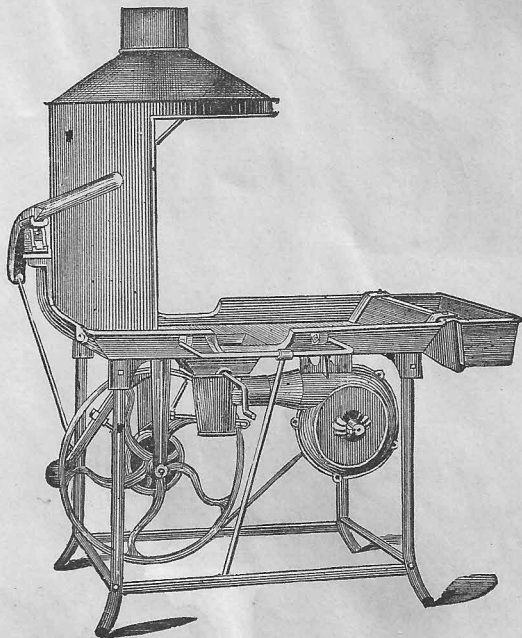
No. 3 Crank Forge.

Hearth, 19 inches. Height, 30 inches. Fan case, 9 inches.
Weight, 120 pounds.

It is constructed the same as No. 2 and is furnished with full, half or quarter hood, as desired. Runs easy and produces a strong blast.

Price. \$27.

Discount,.....



No. 1 Giant Lever Forge.

Patented January 10, 1888.

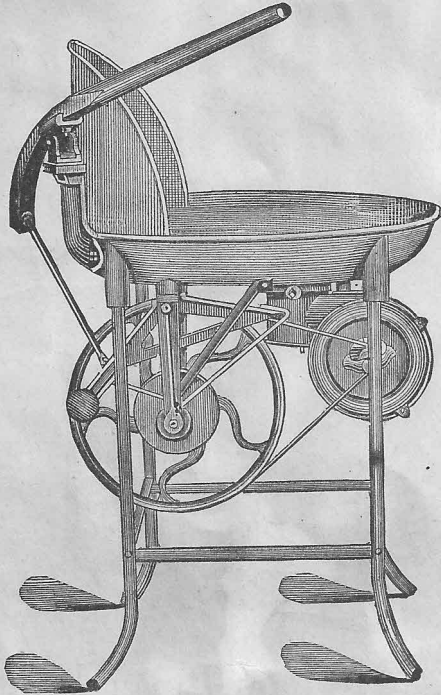
Hearth, 28x40 inches. Height, 30 inches. Fan case, 14 inches. Weight, 250 lbs.

Has our patent friction grip. Is noiseless and is adapted for carriage and blacksmith shops. It is strongly built and will do heavy work.

Has no leather lined dogs for a clutch, on which resin or chalk is needed to make it hold, but has a grip that cannot slip.

Price, \$50. With Water Tank, \$55.

Discount,.....



No. 2 Giant Lever Forge.

Patented January 10, 1888.

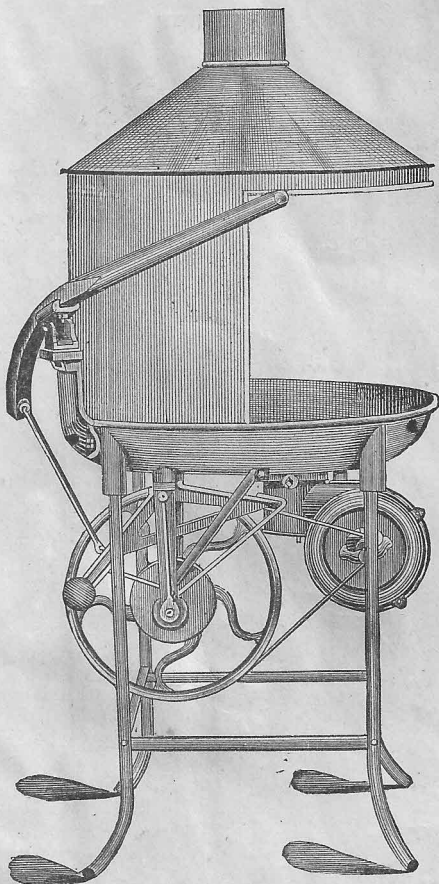
Hearth, 21x27 inches. Height, 30 inches. Fan 10 inches.
It is made with the ball tuyere iron. Is especially adapted to boiler makers, railroad contractors, rivet heaters, etc.

Has no leather lined dogs for a clutch on which resin or chalk is required to make it hold, but has an iron grip that cannot slip.

Price, \$36.

Discount,.....

Has no leather lined dogs for a clutch, on which resin or chalk is required to make it hold, but has an iron grip, that cannot slip.



It has the ball tuyere iron. Is adapted to the use of boiler makers, contractors, miners, etc.; is neat, runs easy and does good work.

No. 3 Giant Lever Forge, with shield

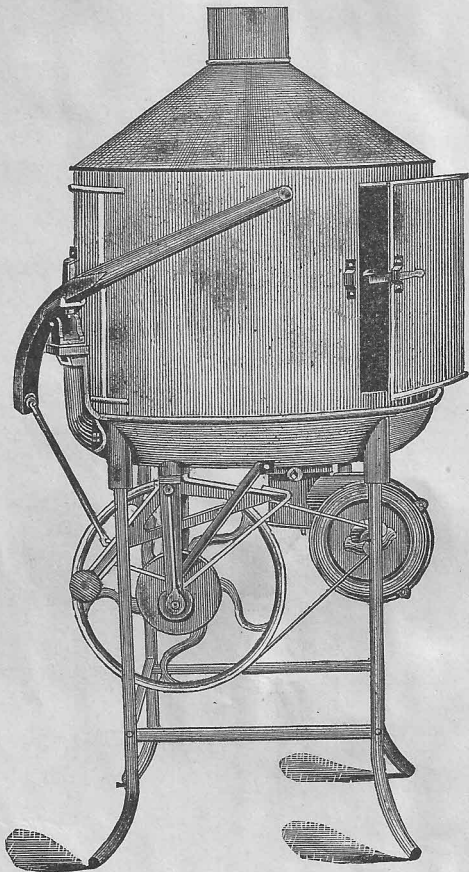
Patented Jan'y 10, 1888.

Hearth, 21x27 inches. Height, 30 inches. Weight, 130 lbs.

Price, \$40.

Discount,.....

Has entirely closed hood, with a door in front and behind, thus preventing the escape of sparks, fumes or smoke when used in factories of any kind. It is made with ball tuyere iron.

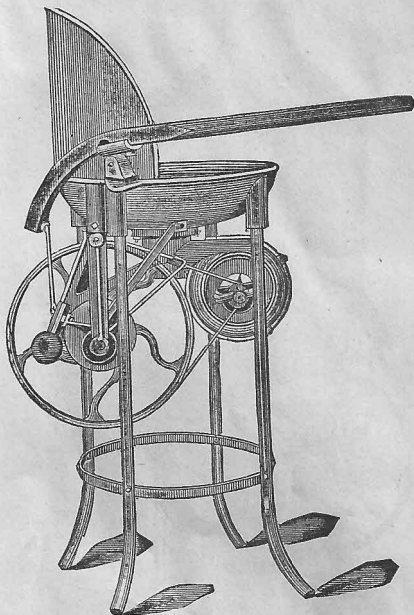


Has no leather lined dogs for a clutch on which resin or chalk is required to make it hold, but has a grip, that cannot slip.

No. 4 Giant Lever Forge.

Hearth 21x27 inches. Height, 30 inches. Fan, 10 inches.
Weight, 140 pounds.

Price, \$42. Discount,.....



No. 5 Giant Lever Forge,
WITH SHIELD AND CIRCULAR BRACE.

Patented Jan'y 10, 1888.

Hearth, 18 inches. Height, 33 inches. Fan, 10 inches.
Weight 80 lbs.

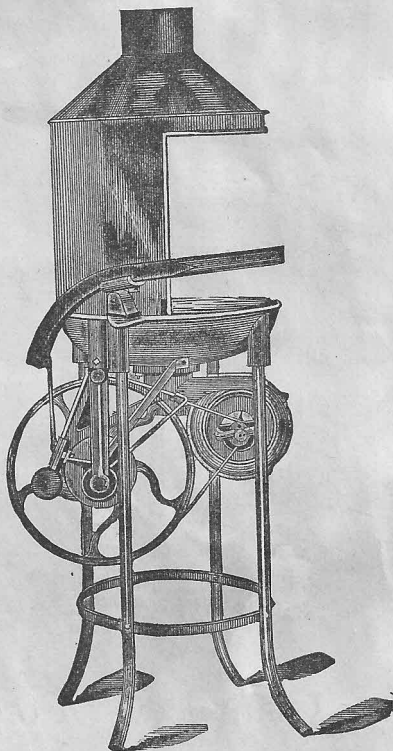
Adapted for the use of tank builders, miners, making repairs
on boilers, bridges, etc.. It is light, strong and compact.

Has no leather lined dogs for a clutch on which resin or chalk
is required to make it hold, but has a grip that cannot slip

Price, \$24.

Discount,.....

Has no leather lined dogs for a clutch on which resin or chalk is required to make it hold, but has an iron gr'p, that cannot slip.



This forge is made with ball tuyere iron. It is useful for tempering tools of all kinds. They are used by tin-smiths, jewelers, plumbers, toolmakers, etc.

No. 6 Giant Lever Forge.

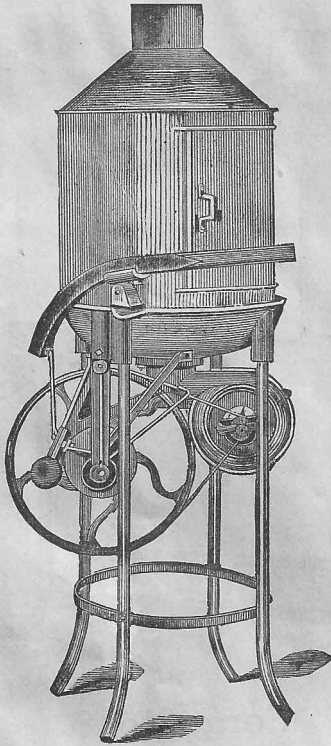
Patented Jan'y 10, 1888.

Hearth, 18 inches in Diameter. Height, 33 inches. Weight, 85 pounds.

Price, \$27.

Discount.....

Has no leather lined dogs for a clutch, on which resin or chalk is required to make it hold, but has an iron grip that cannot slip,



Very useful for tempering tools in factories where combustible material is used, also by jewelers, locksmiths, cabinet and pattern makers.

No. 7 Giant Lever Forge.
ENCLOSED HOOD.

Patented January 10, 1888.

Height, 33 inches. Hearth, 18 inches. Weight, 90 lbs.

Price, \$30.

Discount,..... ..



Forge No. 8.

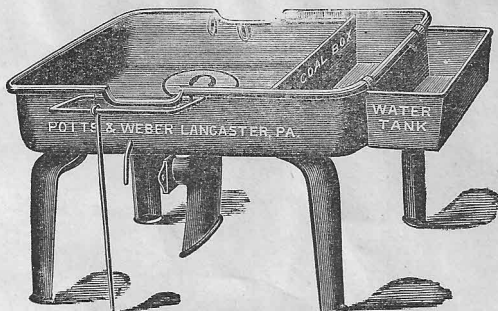
Pan, 28x40 inches. Height, 30 inches.

This Forge is intended for use in shops having power. It is strongly built, cheaper than a brick forge, and is easily moved.

It is well suited to either the bellows or rotary fan blower.

Price, complete,	-	-	-	\$30.
“ Less Hood and Water Tank,	-	-	-	\$20.

Discount,.....



FORGE NO. 9.

This stationary blast forge is well adapted for carriage and wagon works and railroad and boiler shops.

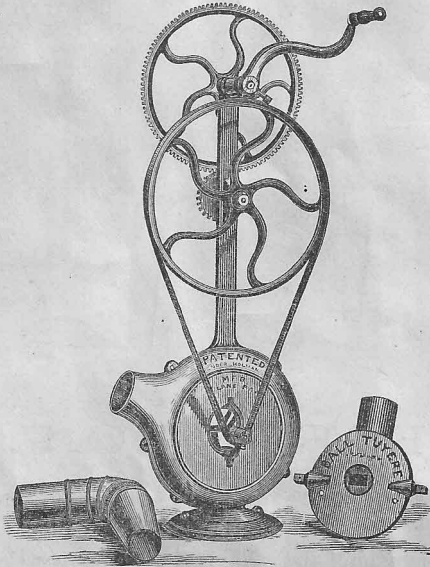
It is strongly built and suitable for the heaviest class of work

Has a deep fire pan, combining coal and water tanks. Heavy tuyere iron, with blast gate.

Size, 38x54 inches.

Price, \$40.

Discount,.....



The Hurricane Fan Blower,

The hurricane Fan Blower is thoroughly effective, compact, strong and solid in all its actions.

The gears are from machine-cut patterns, fitting so thoroughly that they are like two rollers, revolving one upon another.

With either of our Crank Fans the blast is readily modified while turning to whatever pitch required, though you need not turn fast for any work.

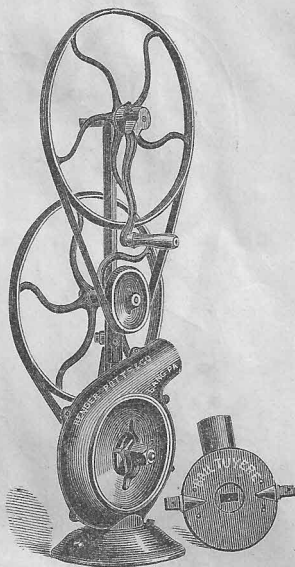
They can be set to any forge, right or left hand : the handle fastens on either side. The case is the same on all of our fans and the shafting is steel.

Hardware men find these fans to be the best in use. When a sale is made it is a permanent one. The blacksmith is invariably pleased and all agree that they will give twice the results of any bellows, without fatigue or producing pain in the side.

We extend the privilege of 30 days trial on any of our fans to responsible parties.

Price, with Ball Tuyere Iron and Pipe, \$20.

Discount.....



The Keystone Fan.

This fan is precisely the same in size as the gear fan, being simple and compact. The cut explains the construction. It has been designed to meet the wants of those desiring a less expensive machine. It is propelled by raw hide belts and has but one shaft, the same as the gear fan. It does good work and has given general satisfaction. The handle can be attached on either side of the shaft and the blower can be set to either right or left hand forge.

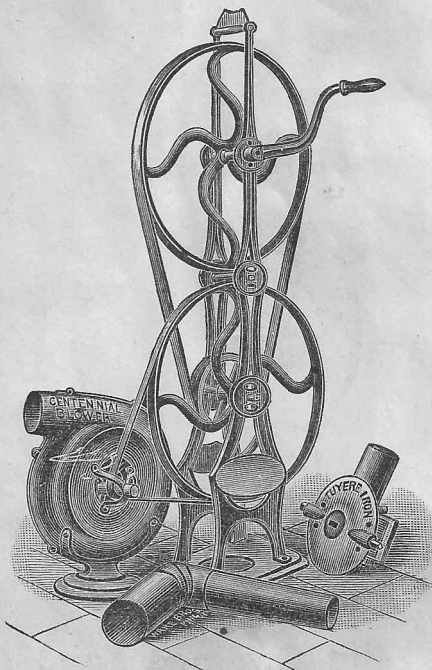
With each fan we furnish a very durable galvanized iron adjustable elbow and pipe for mouth of forge.

The seven inch pulley on lower shaft has flanges, the same as the centennial fan.

We guarantee every crank fan to be built substantially.

Price, with Ball Tuyere Iron and Pipe, \$20.

Discount,.....



No. 1 Centennial Hand Fan Blower.

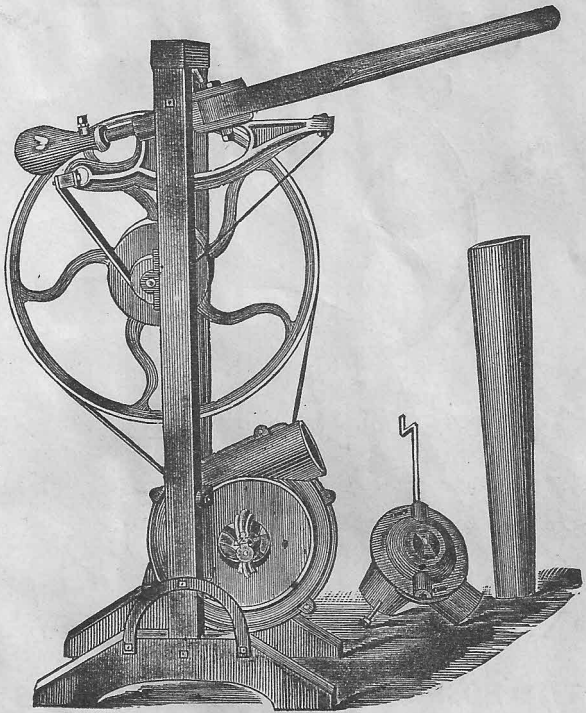
This blower produces a stronger blast, runs easier and is more durable than any crank blower in use. It can be set to right or left hand forge. The seven-inch pulley on lower shaft has flanges to prevent belt running off. Will weld three-and-a-half round iron in two-thirds of the time of an ordinary bellows.

Beware of imitations. The genuine has "Centennial" cast on Fan case and our name on top plate.

MADE IN TWO SIZES.

No. 1,	Fan case 16 inches.	Price, with Tuyere Iron and Pipe,	-	-	-	\$25.
No. 2.	Fan case 13 inches.	Price, with Tuyere Iron and Pipe,	-	-	-	\$20.

DISCOUNT,.....



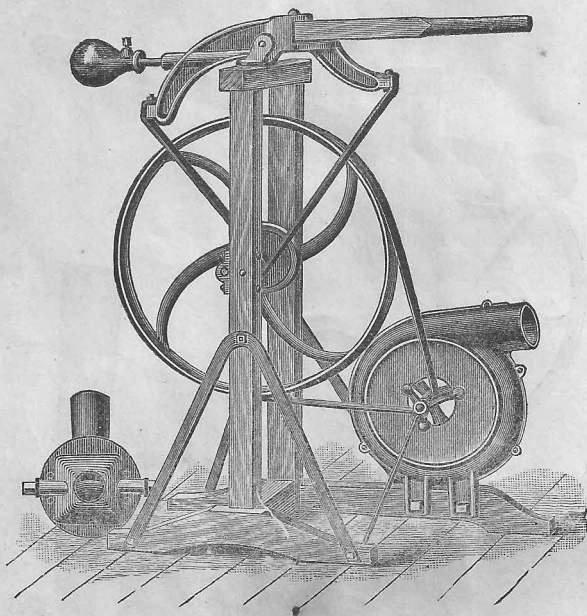
No. 4 Giant Lever Blower.

Patented Jan'y 10, 1888.

The above lever blower is used in blacksmith and carriage shops. It will do fairly heavy work. The blast continues for some time after the lever is at rest. It is strong and well built. Has no leather-lined clutches. Our grip does not slip.

PRICE, \$21.

DISCOUNT,.....



No. 5 Giant Lever Blower.

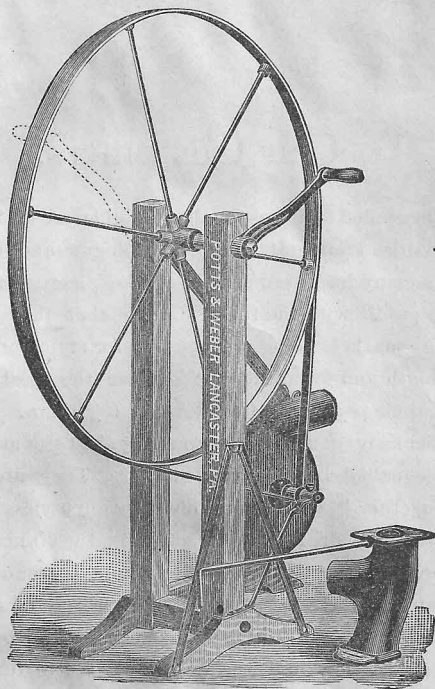
THE BOSS OF ALL LEVER BLOWERS!

Latest and Best Made.

This blower will do the heaviest kind of work. It is the product of years of experimenting, and we claim it is unequalled. It runs noiseless, is easily operated and has no bearings to wear out and become rickety. Being aware of numerous humbugs on the market, we only ask a trial, and if not satisfactory, your money will be refunded. Our patent friction grip is conceded to be the best ever invented. Size of fan case, 16 inches.

Price, with Tuyere Iron, \$25. Without Tuyere Iron, \$23.

DISCOUNT,.....



DIAMETER OF WHEEL, 44 INCHES.

No. 6 Fan Blower.

The above fan gives a most powerful and steady blast. It is well built, has wrought iron rim and runs very easy. It can be used on either right or left hand fires.

Price, with Tuyere Iron, \$30, without Tuyere Iron, \$28

DISCOUNT,

To Our Customers.

Having unexcelled facilities for the manufacture of the various line of specialties enumerated in this catalogue and having recently made many improvements, we take pleasure in offering them to the public with the full assurance that they are equal to any on the market, being unsurpassed for style and finish, as well as strength and durability. We have the most flattering evidence of their popularity from those using them.

We particularly caution consumers against the many cheap and trashy so-called drills on the market. They are literally "thrown together," and invariably become useless in a short time. In fact no drill to be practical and useful can be produced without the most careful and skilled workmanship; any money spent on inferior drills is absolutely thrown away.

We solicit correspondence with persons who may be in want of any thing in our line, and will be pleased to furnish you with discounts, terms, etc., on application.

NOTICE.—In ordering goods state year of Catalogue and give number of page.

POTTS & WEBER,
LANCASTER, PA.

No. 1 Upright Self-Feeding Drill.

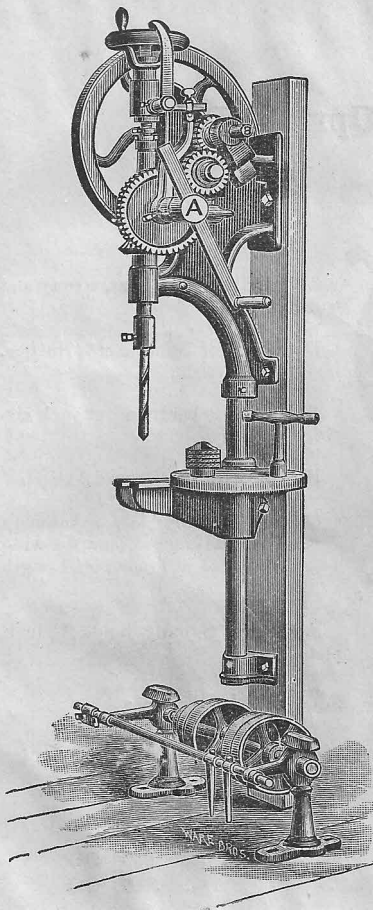
Designed for carriage-makers and heavy blacksmith work. This drill has the automatic feed, a Swing Table 11 inches in diameter. Length of spindle 15 inches and $1\frac{1}{4}$ inches in diameter. Distance from spindle to table 22 inches. Crank can be shifted from shaft, A, to balance wheel shaft, B, thus increasing the power for heavy work. Crank has forward motion on both shafts. Balance wheel shaft can be disconnected by slipping the intermediate gear.

We can furnish our Little Giant Chuck with each drill with arbor ready for attaching. This Chuck holds straight Shank Drills $\frac{1}{8}$ to $\frac{1}{2}$ inch, and saves its price soon in cost of drills.

Cone pulleys and countershafts furnished upon application, for Nos. 1, $1\frac{1}{2}$, 3, 4 and 5 Drills.

Will drill hole to centre of 16 inch circle, $4\frac{1}{2}$ inches deep and $1\frac{1}{4}$ in diameter. Has three rates of speed.

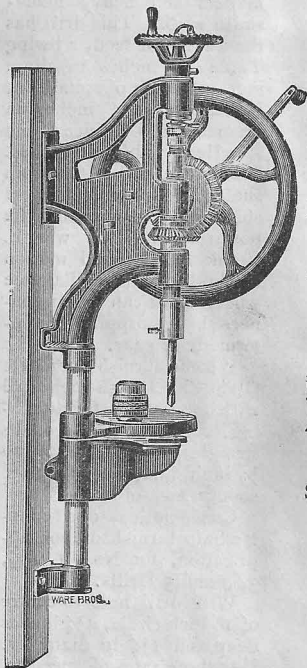
Weight, 185 pounds. Length, 66 inches.



Price for Hand-Power,	\$45 00
“ “ Power,	48 00

Discount,.....

No. 1½ Upright Drill.



This Drill is very neat, strong and well finished.

Diameter. of Spindle 1½ inches.
Length 12 inches.

Will drill to centre of 11 inch circle, 2½ inches deep.

Has three rates of speed.

Distance from Spindle to table 12 inches. It has the Automatic Swing Table, 8 inches in diameter, Length 47 inches.

Socket on Spindle holds ½ inch Shank Drills.

Weight, 115 pounds.

Price, Hand	\$25 00
“ Power,	28 00

Discount,.....

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00 68

No. 2½ Drill.

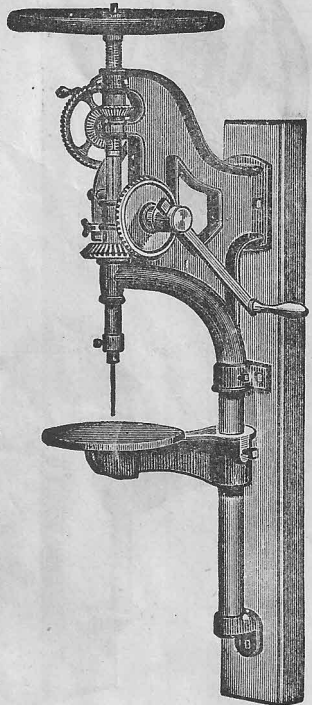
This Drill is Strong and Durably Constructed, runs Very Easy and will do Good Work.

Has the Automatic Swing and Feed Table. Drills to centre of 14 inch circle. Drill Socket takes in half inch Shank Twist Drill.

Has a large Fly-Wheel.

Length, 54 inches. Weight 130 pounds.

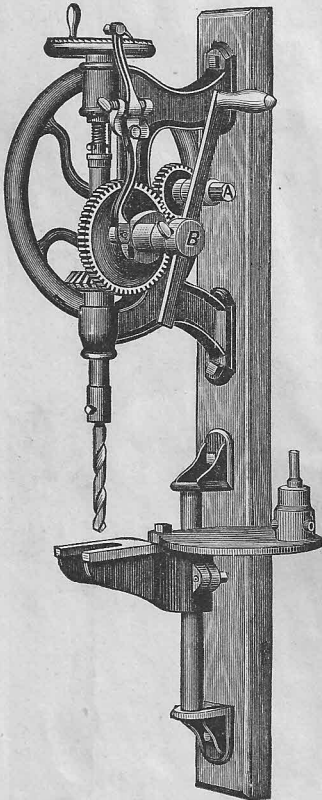
Runs Noiseless and is Very Neat and Strong.



Price, \$30 00

Discount

No. 3 Upright Self-Feeding Drill.



Constructed with all the Late Improvements in the Neatest and most Durable Manner.

Drills to the centre of 15 inch circle. Spindled bored to take $\frac{1}{2}$ inch Shank Drill.

When Ordered with Power Attachment, Pulleys are fitted on outer end of Shaft "A."

Diameter of Pulleys, 7 inches.

Has Strong Back Gear for Heavy Work.

Length, 54 inches. Weight, 185 pounds.

Price	\$45 00
" with pulleys52 00

Discount.....

No. 4 Upright Drill.

It is adapted for General Blacksmith Work.

Diameter of Spindle, $1\frac{1}{4}$ inches and 12 inches long.

Drills a hole in centre of 11 inch circle, and $2\frac{1}{2}$ inches deep. Drills up $1\frac{1}{8}$ holes.

Distance from Spindle to Table 20 inches.

The Drill Socket takes in $\frac{1}{2}$ inch Drills.

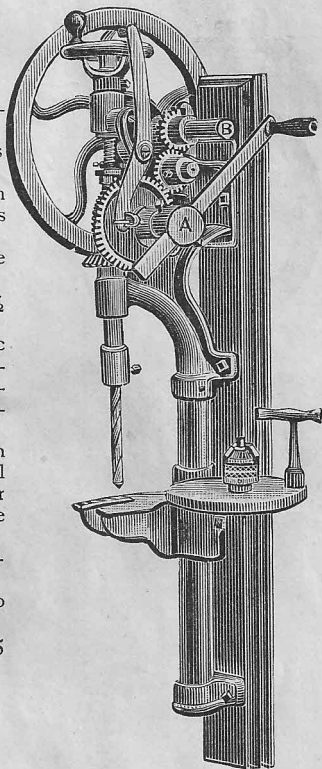
This Drill has the Automatic Feed and Swing Table. The Balance Wheel Shaft can be disconnected by slipping the Intermediate Gear.

The Crank can be changed from Shaft "A" to the Balance Wheel Shaft "B," thus giving more power for drilling large holes. Has three rates of speed.

The Crank has the forward motion on both shafts.

For Durability and Workmanship this Drill has NO SUPERIOR.

Length, 56 inches. Weight, 135 pounds.



Price for Hand Power \$35.
 With Pulleys, 38.

Discount.....

