

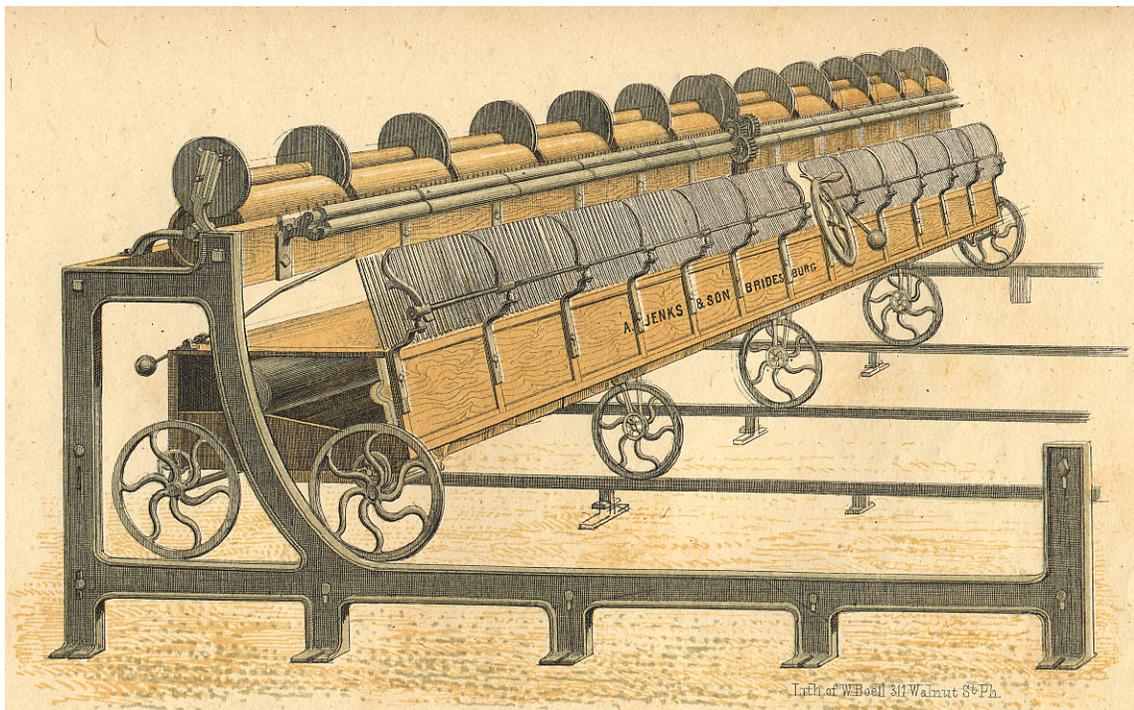
N^o 18.
JACK

With Wood Roller beam, and Iron Stands for two rows of bottom Rollers each 1 5/16 inches in diameter made of wrought Iron; Carriage cased up back & Front, with improved gearing, and being well adapted for Spinning medium numbers of Wollen Yarn, Head & Tail 2 Ft wide by 8 Ft deep.

Price of Head \$

To which add the following prices for Spindles

<i>Spindles</i>	<i>1 1/2 inches apt</i>	<i>\$</i>
"	1 3/8	\$
"	1 3/4	\$
"	1 7/8	\$
"	2	\$
"	2 1/8	\$
"	2 1/4	\$
"	2 3/8	\$
"	2 1/2	\$
"	2 5/8	\$
"	2 3/4	\$

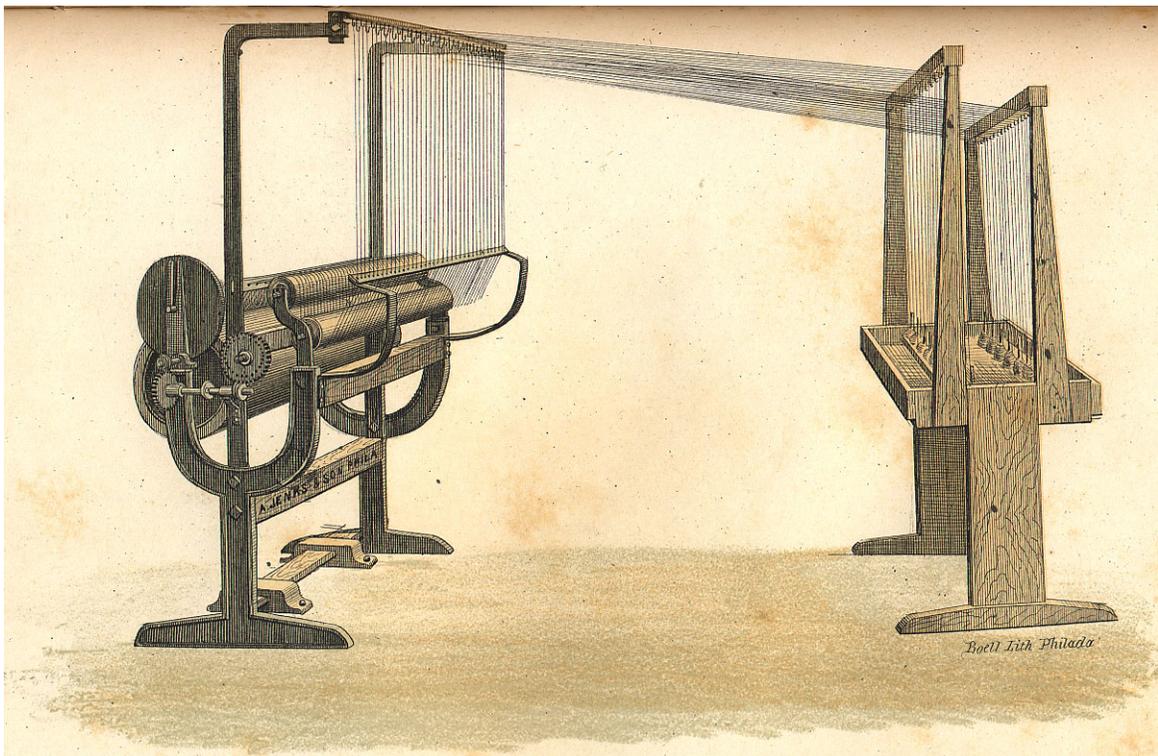


Lith. of W. Boscill 311 Walnut St. Ph.

N^o 19.

WARTER WITH CREEL FOR WOOL DRESSER.

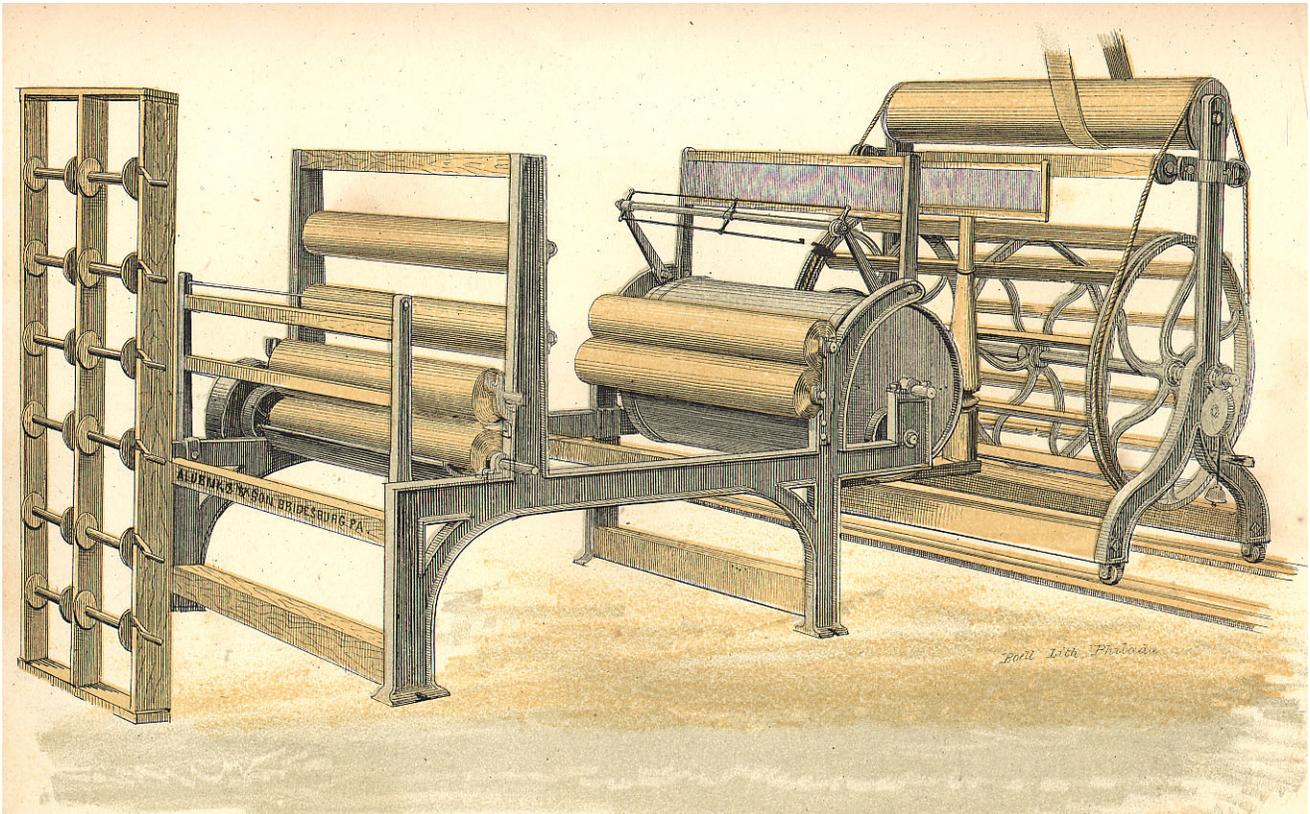
This Machine is to make spools for Wool Dresser and has a Creel and Guide for 48 ends or mille Bobbins, Cylinder is 11 inches in Diameter, Spool Heads 10 inches in Diameter Bell register to Measure 3000 Yards, Driving pulleys 16 inches in diameter, occupies a space of 4 F^t 6 inches long by 6 F^t - inches wide, and should run Rev. per minute



N^o 20

WOOL DRESSING MACHINE.

Iron Frame, and Metallic size Rollers 8 in. diam, has carrying Rollers and Copper drying Cylinder; First reed 480 splits on 33 inches; Second reed 480 Splits on 33 inches; Heek 100 Splits on 18 inches; Creel for 12 spools 30 inches long; Reel 4 Feet diam, with rollers to move for different leases; Driving pulley inches in diameter should run Rev^{ts} per minute; occupies a space of F^t Inches long, by F^e In. wide

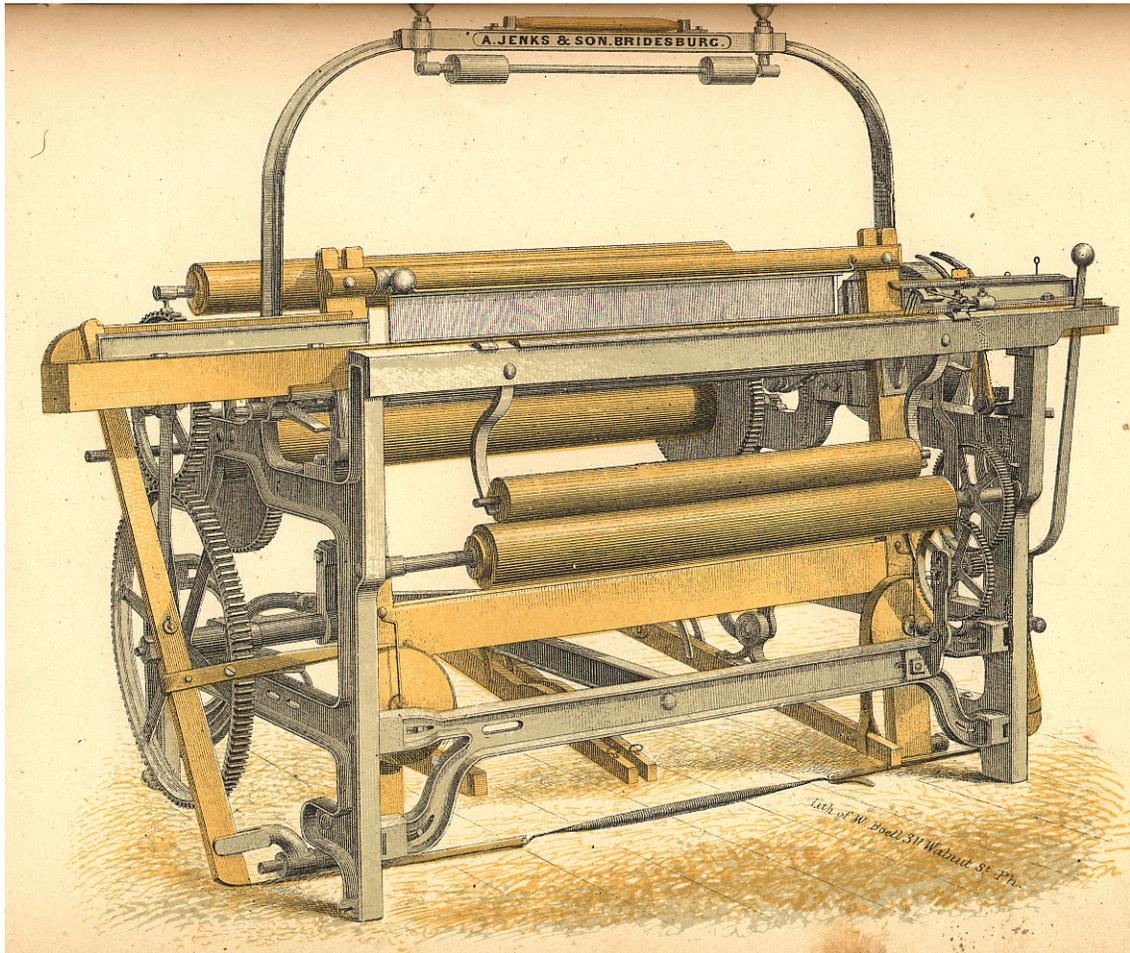


N^o 21
LOOM .

One Shuttle Parallel pick motion, weft motion, 1½ inch Shuttle box one Shuttle protector, Harness Treadles, take up, worked from weft motion, occupies a space of 4 Feet long by 7 F^t 5 inches wide. Driving pulley 12 inches in diameter should run 140 Peck per minute

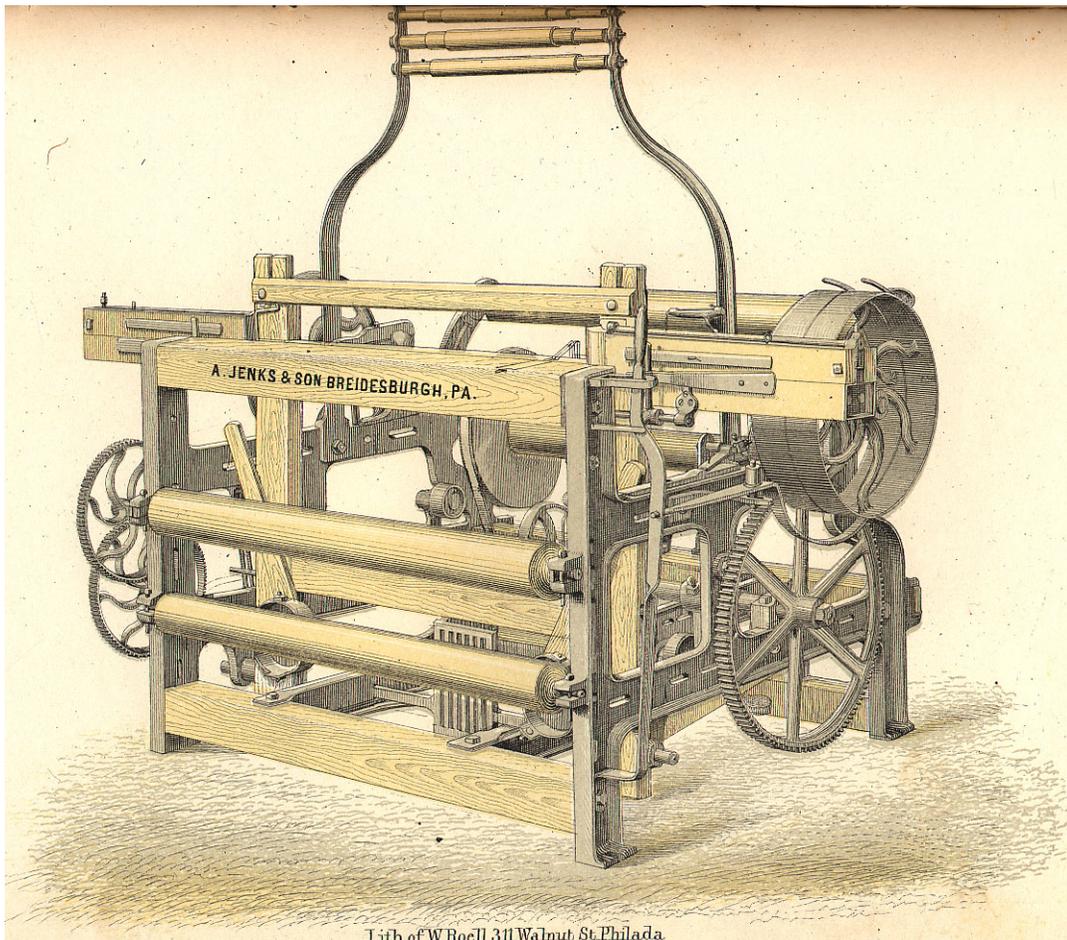
32 in wide

36 in wide



LOOM N^o 22

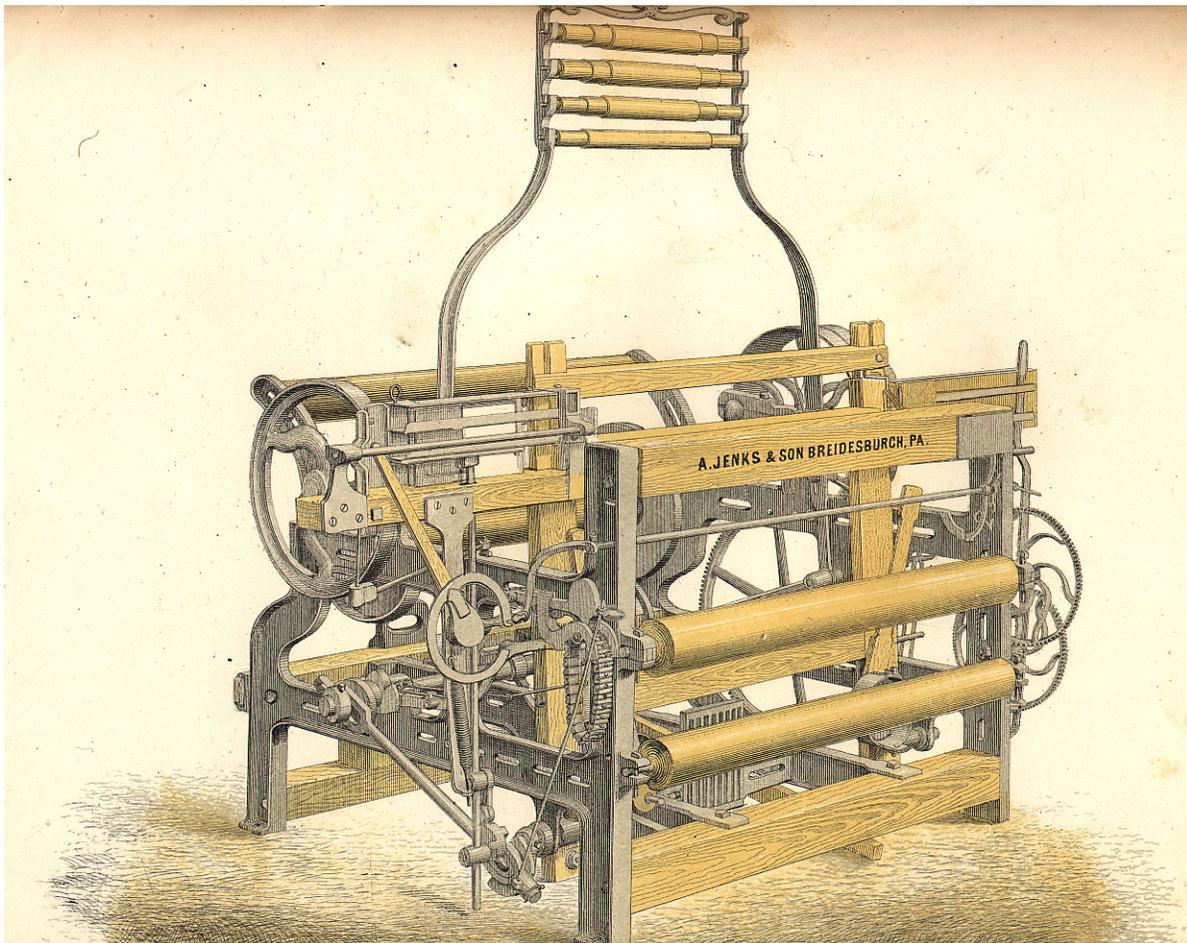
40 Inches wide for 1 Shuttle with raised Crank shaft ; Improved Gallows stands with double pick and wift motion, Shuttle Box $1\frac{3}{4}$ Inches wide ; 2, 4, & 6 Harness Treadle occupies a space of 4 $1\frac{1}{4}$ in. long by 7 $1\frac{1}{4}$ in wide, Driving pulley 16 inches in diameter, should run 180 picks per minute



Lith of W. Boell 311 Walnut St. Philada.

N^o 23
LOOM

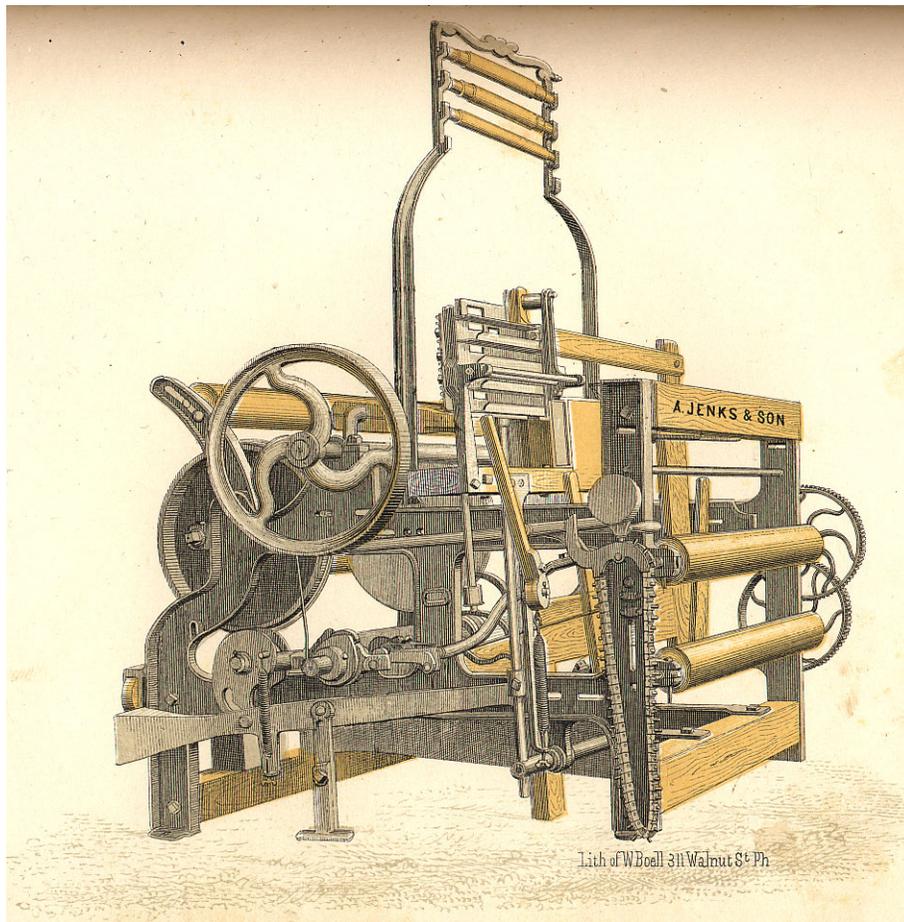
18 inches wide, Double pick and filling motion, 2 Shuttle drop boxes at one end of lay, 1 1/4 inch
boxes, 2, 4, 6, 8, and 10 Harness Treadles, and Pattern chain motion, Improved.
Drop motion to stop the box motion, and prevent the take up from working, when the
string breaks; raised crank shaft, Jenks Improved Patent Picker stop & Picking strap protector on
shuttle box side, improved stop rod finger to prevent slipping, occupies a space of 4 Feet.
12 1/2 inches long by 7 Feet 1 1/2 inches wide, Driving pulley 16 inches in diameter, should run 125
revolutions per minute.



There is no 24. But there is a 28-1/2. Read on.

N^o 25
LOOM

40 Inches wide; double pick and weft motion, 4 Shuttle drop boxes at one end of lay, 1 $\frac{3}{4}$ inch Shuttle box, 2, 4, 6, 8, & 10 harness Treadles; Pattern Chain motion improved, Stop motion to stop the Box motion, and prevent the take up from working when the filling breaks; has raised crank shaft; Jenks improved Patent Picker and Picking strap protector, on single Box side; Improved Stop rod finger, to prevent slipping; occupies a space of 4 Feet 1 $\frac{1}{2}$ Inches, long by 7 Feet 1 $\frac{1}{2}$ Inches wide Driving Pulleys 16 Inches in diameter, should run 150 Revolutions per minute

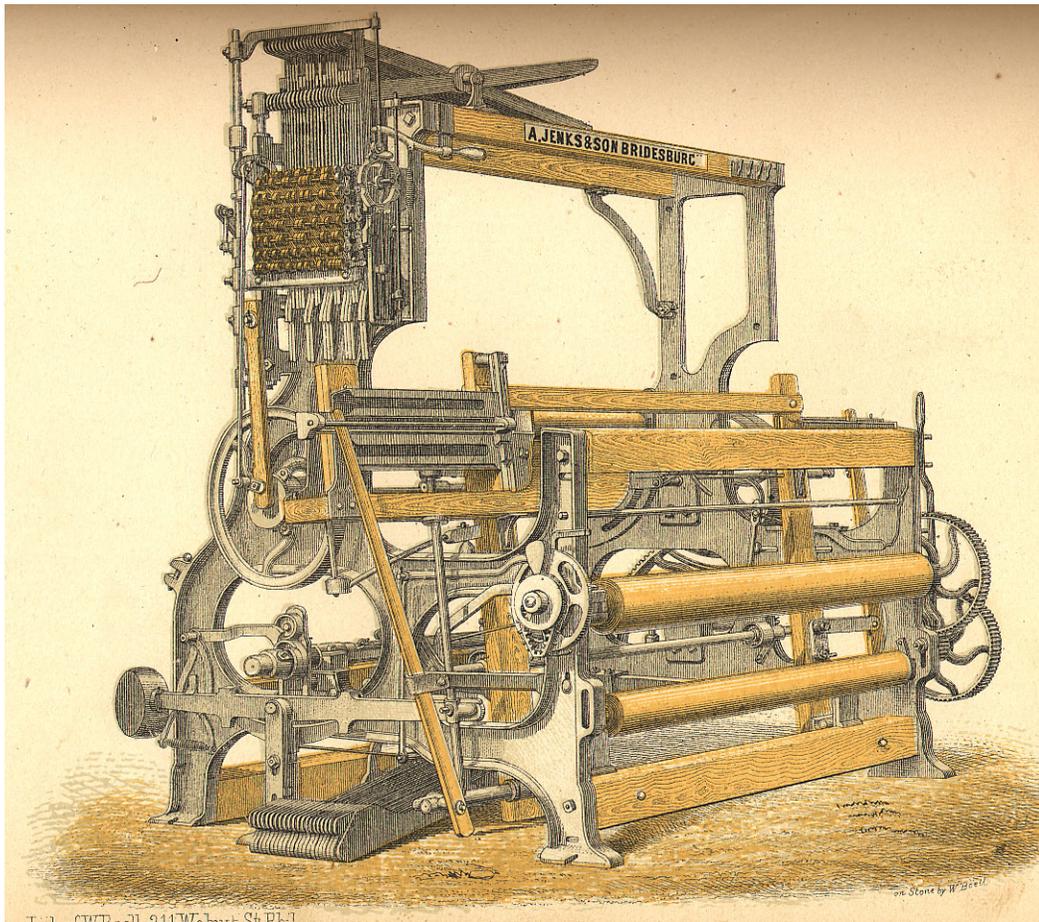


N^o 26

LOOM

*Crompton Welch motion with 24 Heddles; Plain selvage motion, double pick and
weft motion, 3 Shuttle drop boxes at each end of lay, endless chain motion, For
pick and pick Cassimeres; Pattern chain improved; Stop motion to stop the box motion
and to prevent the take up from working when the filling breaks; Jenks Patent
Picker stop & Parallel pick motion, and improved stop rod finger to prevent slipping
occupies a space of 5 Feet - inches long by 9 Ft 1 in wide, Driving Pulley 16 inches in
diameter, should run 110 pick per motion*

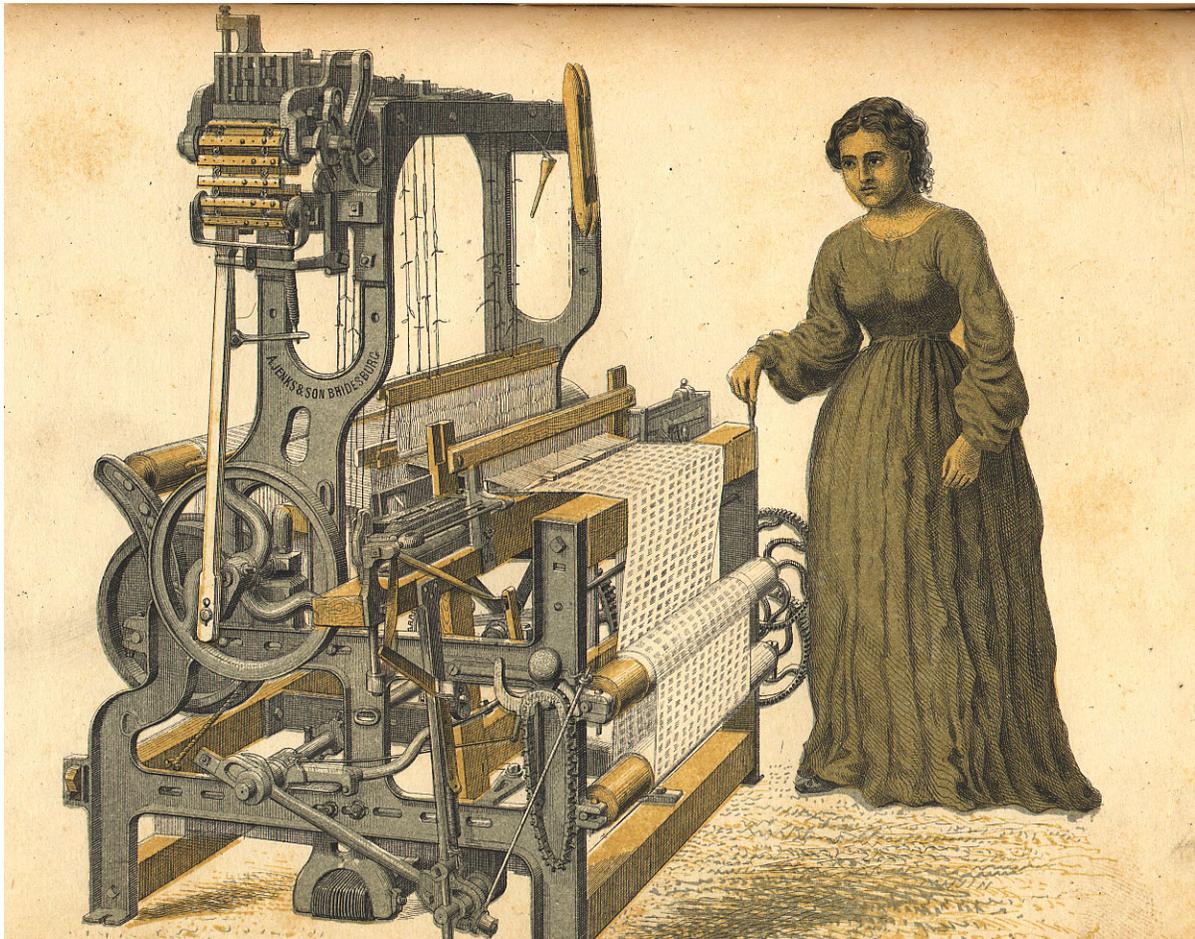
45 inches wide \$
90 inches wide \$



N^o 27.
LOOM.

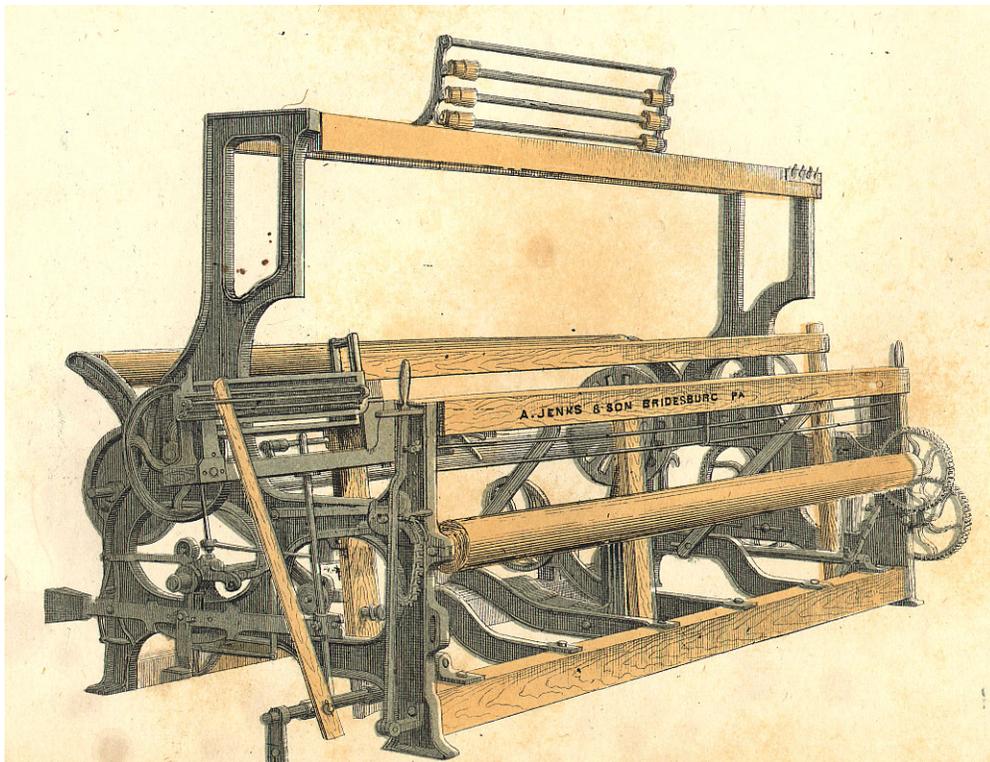
Jenks new Witch motion to operate from 2 to 12 Heedles, 3 Shuttle Drop boxes at one or both ends of Lay, Double pick and filling motion, raised crank shaft, pattern chain motion, Jenks Patent Picker stop, Improved with long take up lever for Pattern chain Stop motion, to stop the box motion, and prevent the take up from taking up when the filling breaks, occupies a space of 4 ft 1 1/4 in long by 7 ft 8 in wide Driving Pulleys 16 in diameter, and should run 110 revolutions per minute

40	in wide	2 Shuttle	\$
40	" "	3 " "	\$
42	" "	2 " "	\$
42	" "	3 " "	\$
45	" "	2 " "	\$
45	" "	3 " "	\$



N^o 28.
LOOM

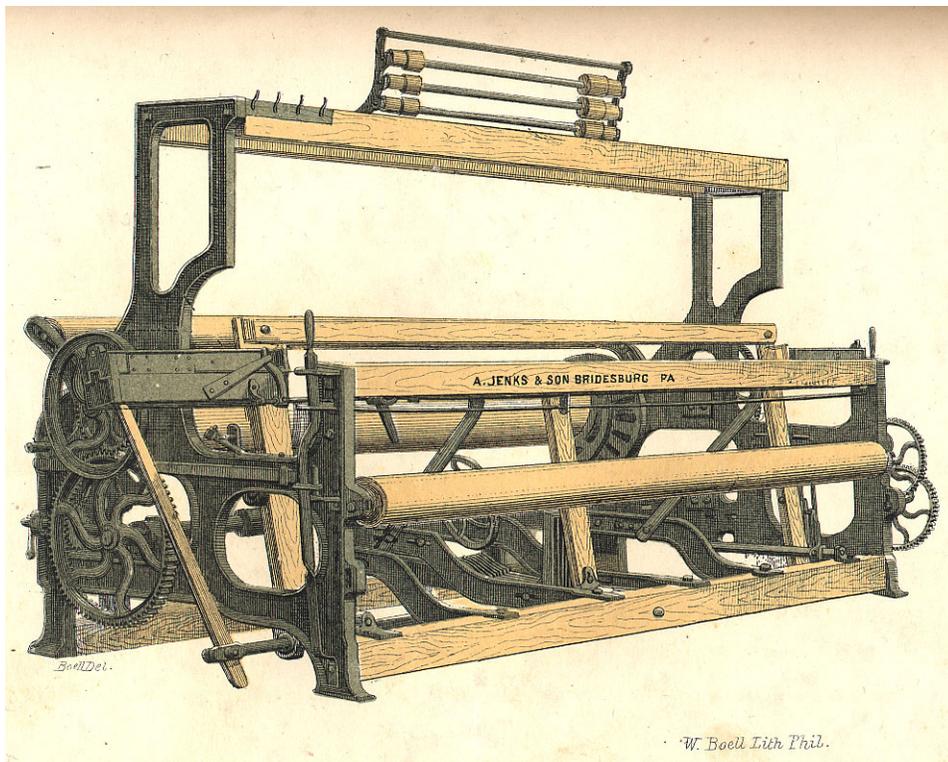
90 in Wide, Loom side extra heavy; Yarn-Beam and Cloth Roller; Iron stay in the middle, to prevent Springing; 2, 4 & 6 Harness Treadles, 3 Shuttle drop box 2 in wide for weaving Blankets; occupies a space 5F^t in long, 12 F^t 6 inches wide, Driving pulley 12 inch^s in diameter, should run 100 Rev. per minute.



N^o 28 $\frac{1}{2}$
LOOM N^o

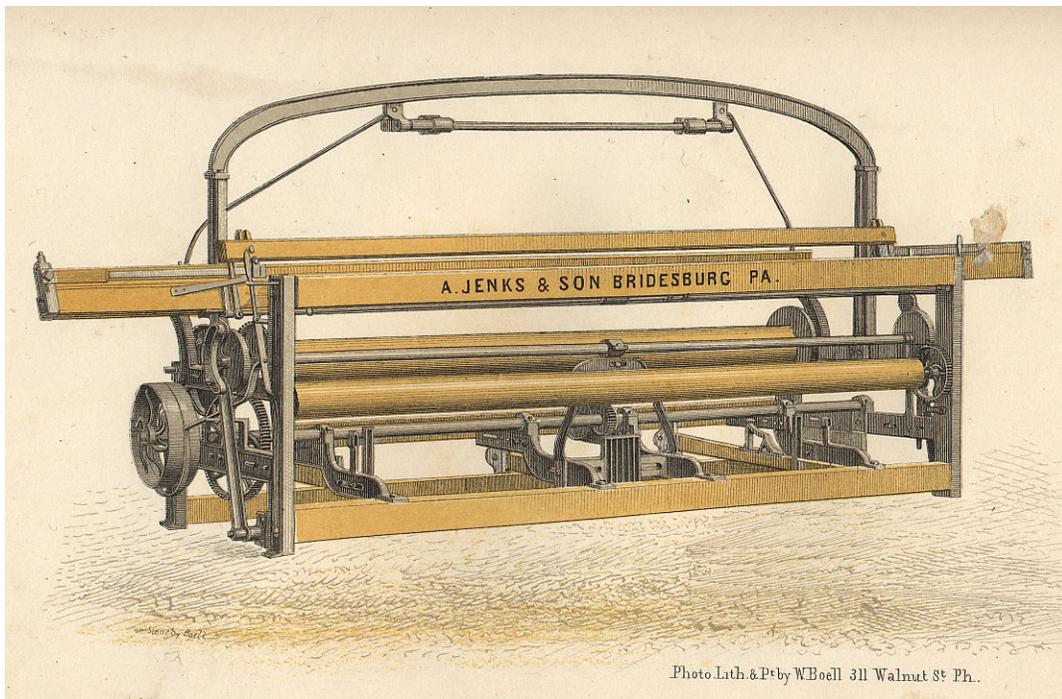
Heavy sides; Iron Tube Whip roller having middle support to prevent springing with 2. 4. & 6 Harness Treadles; shuttle box 2 $\frac{1}{4}$ inches wide with countre shaft running outside Loom side, on end of this shaft behind the Loom on the Driving pulleys 12 inches in diameter on the other end of countre shaft there is a Bevel pinion of 21 Cogs gearing into Cam shaft wheel of 84 Cogs; Bee Wing Pick & Parallel picker motion, This Loom is adapted for Weaving Blankets; occupies a space of 5 F^t - in. long by 14 F^t - inches wide; and should run 75 Revolution per minute

*110 $\frac{1}{2}$ in wide
 90 in wide*



N^o 29
LOOM .

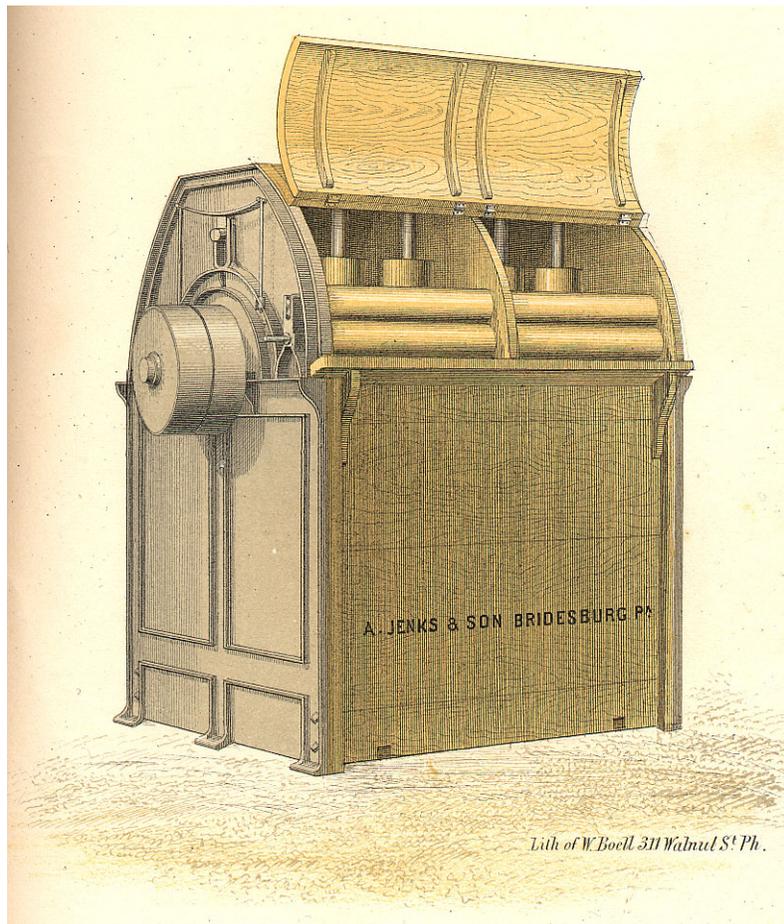
17/4 Wide, heavy Loom sides, Yarn Beam, and cloth Roller Extra heavy, Iron whyp Roller with stay in the middle, to prevent Springing, 2, 4 & 6 Harness Treadles, shuttle box 2 1/2 inch wide, for Weaving Blankets, occupies a space 5 Feet - in long by 14 Ft 1 in wide Driving pulleys 16 inches in diameter, should run 100 Revol^{ns} per minute



N^o 30.

ROTARY FULLING MILL.

With heavy Iron Frame, all the Rollers made of Lags, on heavy Iron Rims. Main Rollers 20 inches in diameter, Horizontal Front Rollers 6 in diameter, occupies a space of 7 Ft 10 in by 7 feet 1 inches, and is 6 ft 11 in. high; Driving pulleys 20 Inches diameter, and should run 90 Rev. per minute.

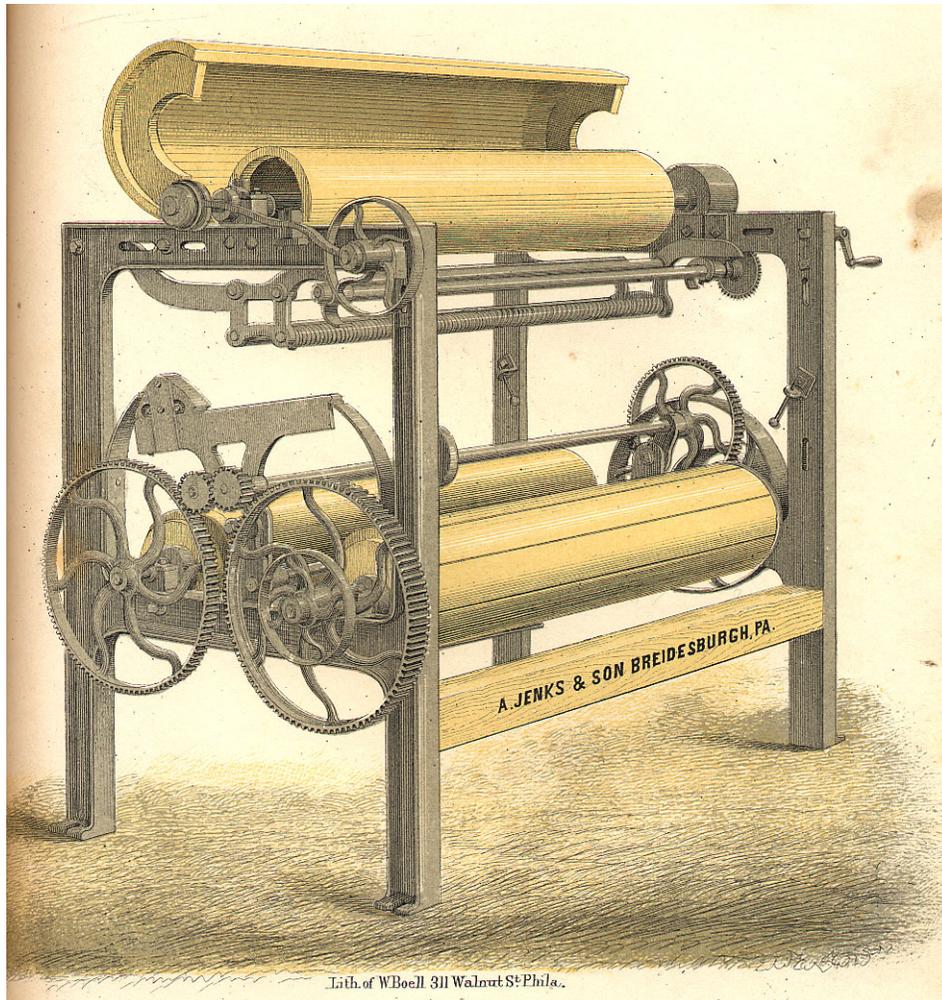


Lith of W. Boell 311 Walnut St. Ph.

N^o 31

NAPPING MACHINE

45 inches wide with self adjusting Stretching Rollers; and improved self acting reverse motion, Cylinder for Cards 8 inches in Diameter for satinetts etc. occupies a space of 3 Ft - inches long by 6 Ft 3 1/2 inches wide, Driving Pulleys 9 inch^s in diameter, should run 311.1 Rev. per minute.



Lith. of WBoell 311 Walnut St Phila.

N^o 32
GIG MILL

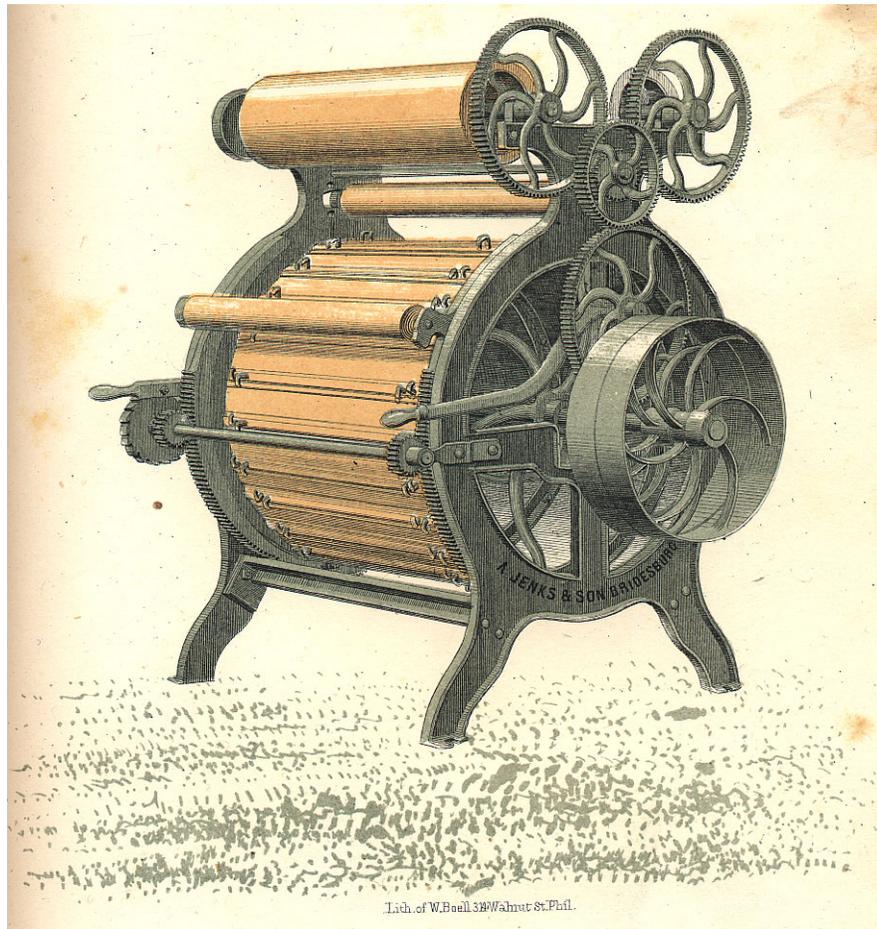
35 inches wide, with Iron Cylinder 30 inches in diameter, for 24 Teazel Handles and self extending stretching roller with 12 Bars, Draw rollers lagged on Iron heads; and reversed by reversing lever; with Improved Handle holders, Driving Pulleys 22 inches in diameter, occupies a space of 5 F^t 6 inches long, by 5 F^t 6 inches wide; and should 90 Rev. per minute

35 inches wide

70 " "

Handles for 35 inches wide

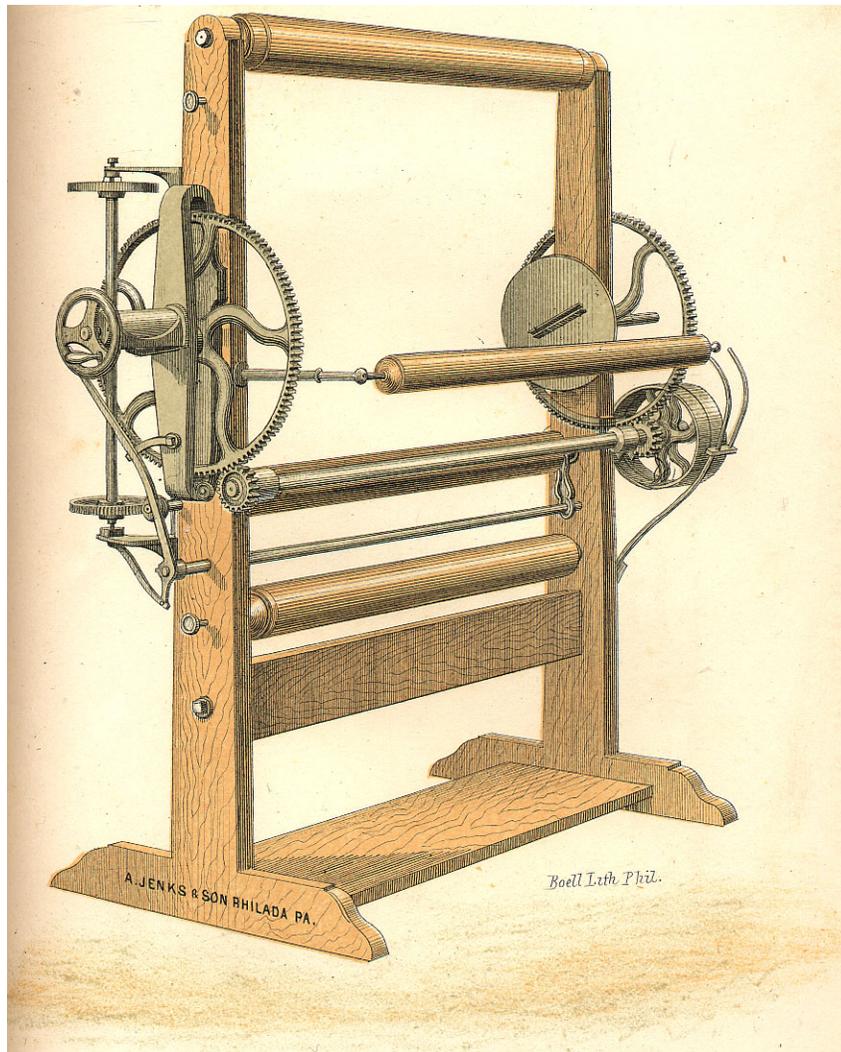
" " 70 " "



N^o 33

CLOTH WINDER OR LAPPER

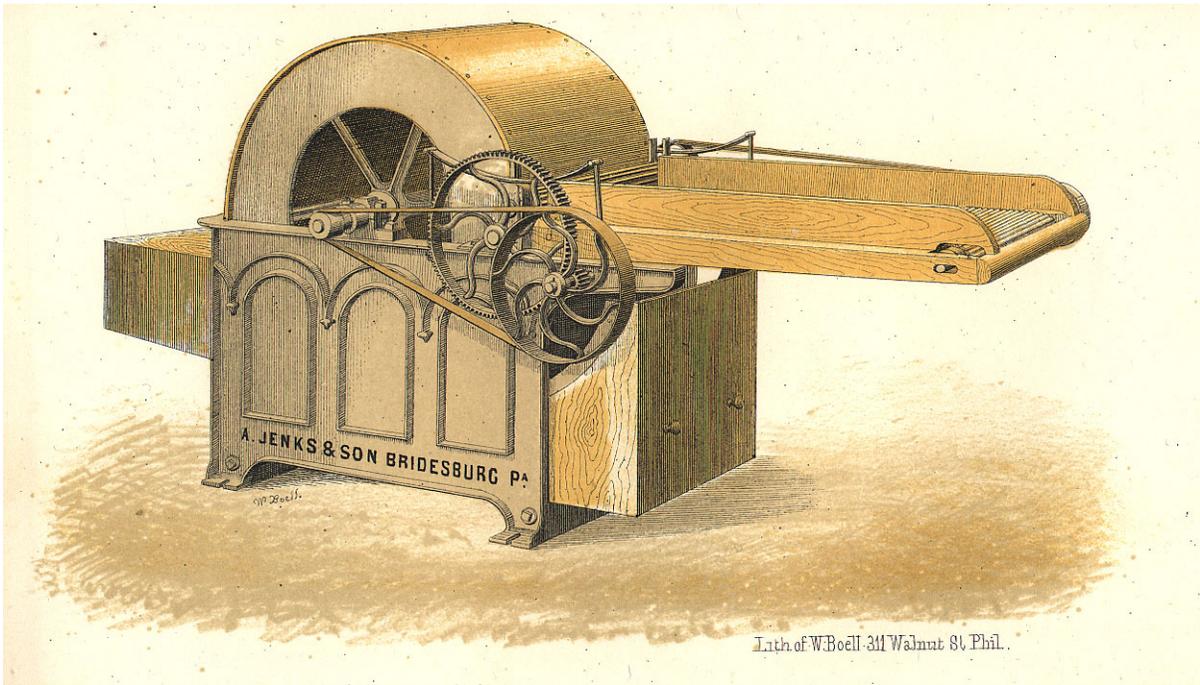
Has adjustable cloth stretcher; and self register for measuring and lapping the cloth at the same time; and is driven by Steam power, has driving pulley inches in diam, should run Revolutions per minute.



N^o 34
COTTON PICKER.

Improved with Iron frame, and adjustable cast Iron fluted Feed Rollers weighted with springs, Cylinder 34 inches diameter, in 12 Lags, with 24 Rows containing 1300 Cast Iron Teeth, and Hooped with wrought Iron bands Driving pulley 12 inches in Diameter occupies a space of 8 Feet 9 Inches long, and 4 Feet 6 inches Wide should run 500 Rev. per minute

24 inches wide	\$
30 do. do.	\$
36 do do	\$



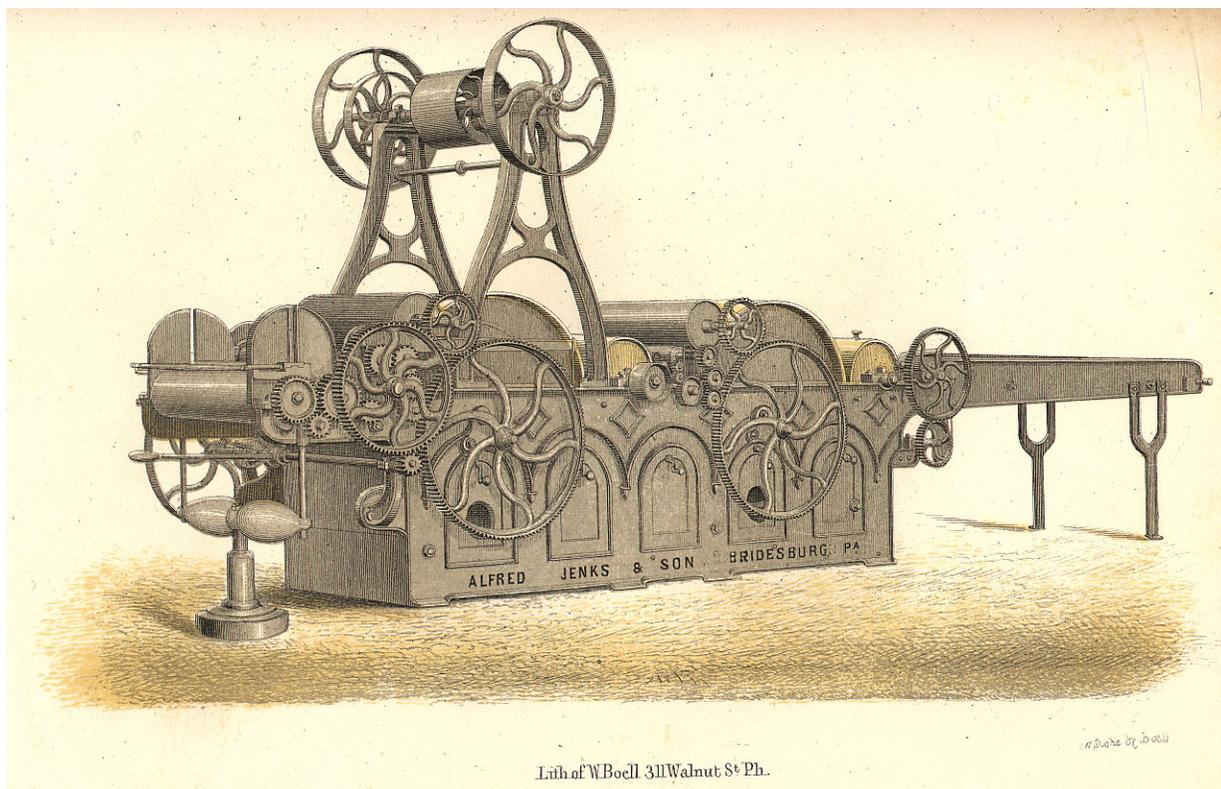
Lith. of W. Boell 311 Walnut St. Phil.

N^o 35.

COTTON SPREADER AND LAP MACHINE.

Iron frame and Feed Table, Two Beaters 12 inches in diameter with Steel Blades and Shafts 2 sets of feed or draw Rollers 1 5/8 Inches in diameter, extra heavy, improved Cages 30 Inches in diameter, with Flanges 2 1/2 Inches deep, 2 1/2 inches wide, 4 1/4 Inches diameter Lap Rollers, 7 Inches in diameter with air pump and weight. Fluted Roller on cages 9 inches diameter; dust boxes under each Beater with pipes and flaps to take away the dust from the center of each cage, all cases up with side doors; Gallow's shaft attached to frame, with driving pulleys, 12 Inches diameter. Occupies a space of 19 ft 6 Inches long, by 5 ft 6 Inches wide, and should run 450 Rev. per minute.

24 Inches wide	\$
30 "	\$
36 "	\$
40 "	\$



N^o 36

COTTON OPENER

34 in wide Feed apron and delivery under the feed; Cylinder 42 in diameter, with fan to take of the dust. Machine 10 Feet 3 in long by 6 Ft wide driving pulleys 12 in diameter $3\frac{3}{4}$ in face and should run 500 revolution per minute.

