No Printed Specification Available

672X

J. S. Mott,

Wood Planing Machine.

Patented Mar. 8, 1806.

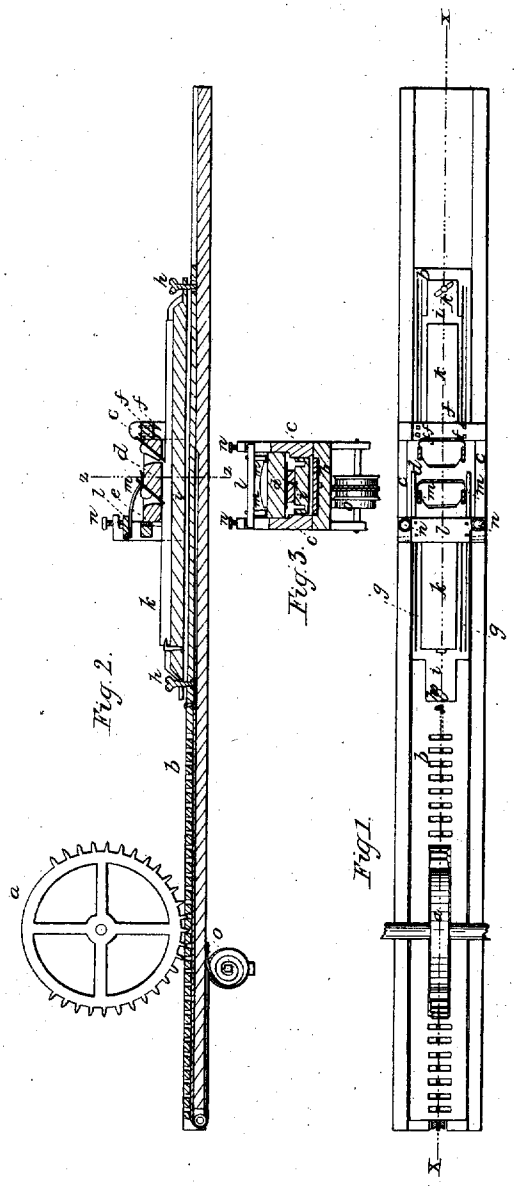


Fig. 2.

Fig. 3.

Fig. 1.

AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS)

672X

Joseph Whitall [illegible] Patent

The Schedule referred to in the Letters Patent of Making Parts of Machinery consisting of Certain Works of the said Joseph Whitall Whitworth for Joining and Planing Machines

The Machine consists of the following parts

1st A Iron wheel running in the work shop the spindle or Cog of which operates on four separate carriages moving in grooves of a length sufficient to their passing each other on the opposite wheel may run out of the shop in two sides of which an opening being made the cogs may work the carriages within

2nd Above each carriage is fixed a Rack containing any number of planes placed in the rabbited Bars which form the Racks each Rank of planes being placed the thickness of a shaving lower than before and in such manner that the preceding Rank of planes shall remove and take off the shavings left by the Intervening between each of the planes of the preceding Rank &c. These planes in rabbited iron bars having a shoulder to rest on the face which is thus sunk even with or below the bars before each plane are screws to raise or depress, which might injure the planes; the fronts of each plane should be bevelled off at the front edge in order to raise it on the bevel

At the end of each rack there should be stilling gauges

The carriage has deep grooves or gullets in which the bevels are dropped to admit the edge being planed pointed or grooved. At the ends of the carriages are plates into which the shavings fall and are carried out of

672 X

[illegible] The [illegible] depressed by means of an Excentric Cam worked by the edge of the board raised as much as it is to be planed down to a gage.

3rd A Beam at the back supports the arms of springs drawing against the plane by drawing the wing bolts against the plane may be increased or lessened by screwing it. This accommodating them to the thickness of the shaving to be made.

There should be a spring to hold the carriage back to the spur wheels

Witnesses
Jack Crist
Horace Moulton

Joseph Scott

(Patented March 8. 1806)

Received & Recorded anew November 2. 1819 [illegible]
from the original Patent

1850 [illegible]

Drawing & Portfolio

Ed. H. M. N.