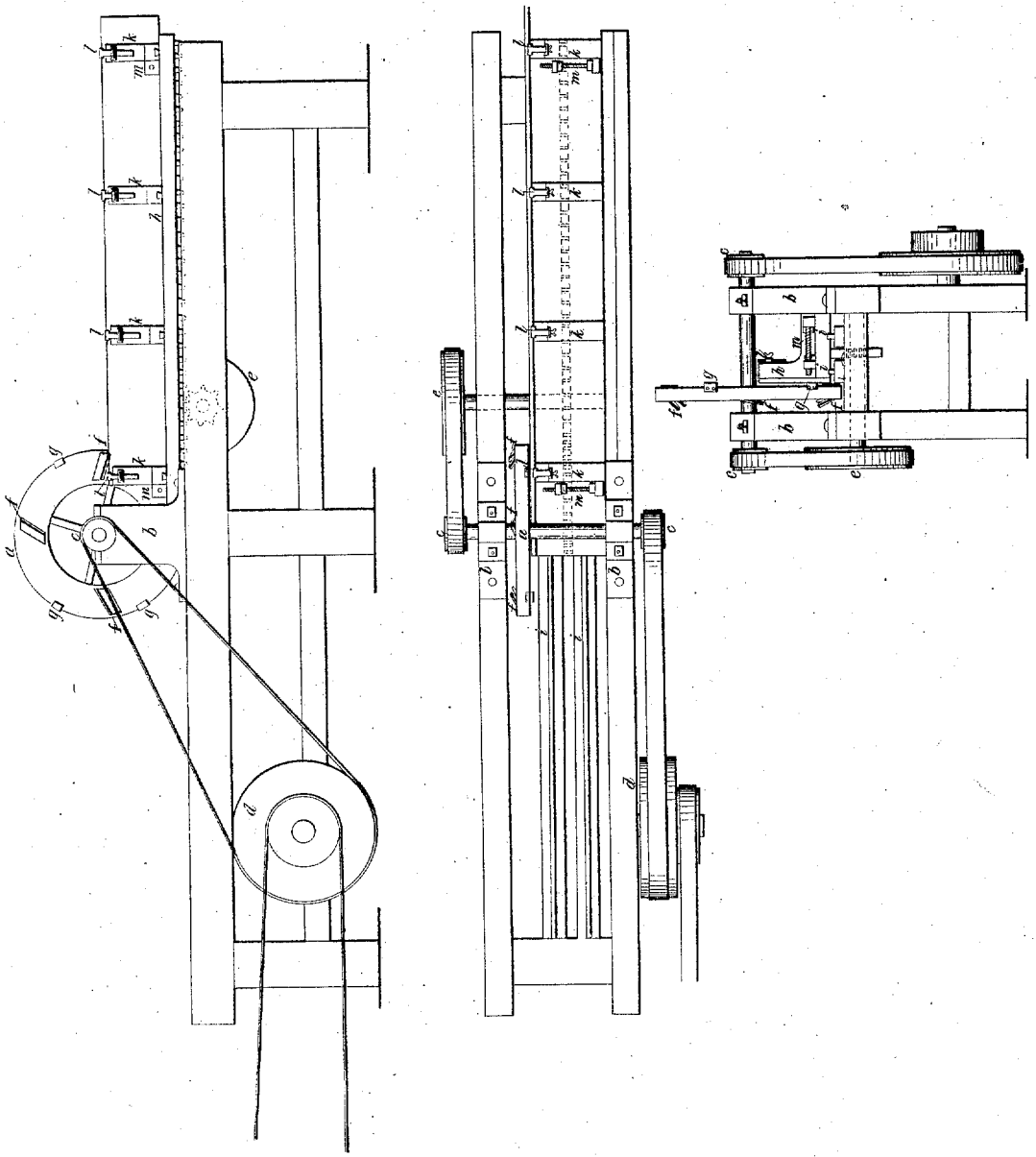
9382X

M. Tuell,

Wood Planing Machine.

Patented Feb. 10, 1836.



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

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26.10.1836

Melzar Tuells of Milo New York.

Letters Patent.

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Melzar Tuells himself of his improvement in the machine for planing and dressing Boards.

To all to whom these presents shall come Be it known that I Melzar Tuells of the Town of Milo in the County of Yates and State of New York have invented a new and useful improvement in planing and dressing boards and that the following is a full and exact description of the construction & operation of the said machine as invented or improved by me to wit. A frame proportioned to the length and breadth of the boards to be planed with four short pieces running the whole length, to be placed on six posts with diagonal cross girts. a wheel of the diameter of two feet proportioned to the width of the boards to be planed to be placed on the top of the frame and running on two upright head blocks with two pulleys on the shaft of the wheel the one for a shaft or band running around a drum to propel the wheel, the other for a shaft or band running around a drum for the purpose of moving the carriage on the face of the wheel at equal distances from each other placed four or more bits from one to two inches in width to be of cast steel or iron, and placed at an acute angle with the shaft of the wheel on the rectangular edge of the wheel and projecting before the bits are four or more knives with a sharp edge on the side which are for the purpose of doing the coarse dressing of the stuff. In front of the wheel is a carriage running on the top of the frame on wood or iron rails, and on the carriage four or more weights of cast iron edge for the purpose of holding the boards. on the top of the carriage are two screws for the purpose of raising the carriage to or from the wheel

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the said carriage to be made of wood and of the length of the staff to be direct-ed. The bowls or bluff to be plained are to be placed on the edge and against Mortices and fastened by two iron dogs to Mortices. The carriage is to be removed by means of log wheels marking underneath or with the axle-tree. The above mention-ed machine to be prosecuted by either hand, steam, horse or water power

Witness, Henry Cano, Alexr. Cleveland

Melzer Stella

(Model wanted)

Granting mod.