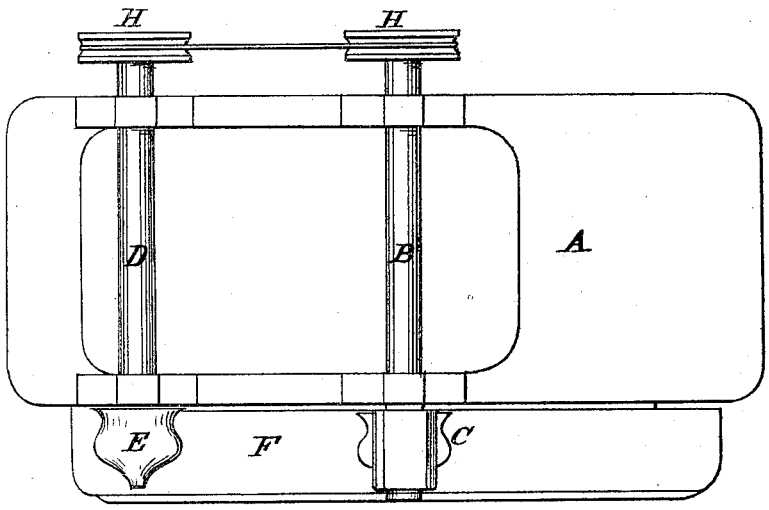
Cooke & Whiteley,

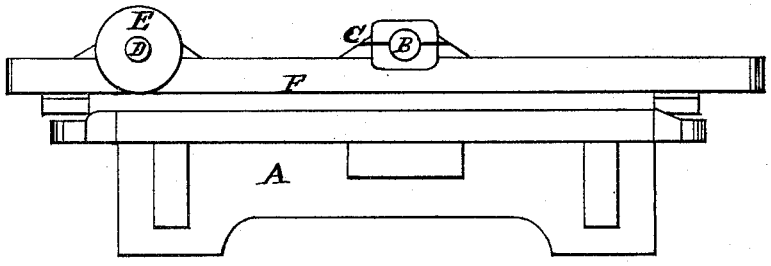
Moulding Machine.

No. 111,817. Patented Feb. 14. 1871.

Fig, 1.



Fig, 2.



Witnesses,
W. Burris
H. M. Lamb

Inventors,
Cooke & Whiteley
By their Att'y G. P. Lowes

United States Patent Office.

JOSEPH C. COOKE AND HENRY A. WHITELEY, OF PRESTON, CONNECTICUT.

Letters Patent No. 111,817, dated February 14, 1871.

IMPROVEMENT IN MACHINES FOR THE MANUFACTURE OF MOLDINGS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, JOSEPH C. COOKE and HENRY A. WHITELEY, in the town of Preston, in the county of New London and State of Connecticu, have invented a certain new and useful Improvement in Molding-Machines; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a plan view.

Figure 2, a side elevation.

Like letters in both figures of the drawing indicate like parts.

Our invention consists in the arrangement in a molding-machine of a rotary polisher with the cutting-tool of the same, the polisher being made to correspond with the shape of the tool, and arranged beyond the same on the machine, so that the molding passing from the cutting-tool will be brought in contact with the polisher, and thus made smooth and ready for use before leaving the machine; the object of the invention being to economize time in the smoothing of moldings.

We are also enabled by the above arrangement to sharpen the "cutting-tool" on the "polisher" with greater convenience and accuracy than can be obtained by the ordinary and usual method of sharpening the same.

To enable others skilled in the art to make and use our invention, we will proceed to describe its construction and operation.

A represents a molding-machine.

B, the arbor carrying the cutting-tool C.

D, the arbor carrying the polisher E, which latter consists of a circular block of iron or steel provided with a coating of emery, and arranged at a suitable distance beyond the cutting-tool C, and made to conform in shape to that of the same.

F is the bed of the machine, on which the material is placed to be molded.

H H are pulleys, connected by band, the motion of the pulley on the arbor of the cutting-tool being communicated to that on the arbor of the polisher.

The molding passes along on the bed of the machine, and, after leaving the cutting-tool, passes under the polisher, whence it is made smooth and ready for use before leaving the machine.

The shape of the polisher being the same as that of the cutting-tool, it of course follows that the former will fit and polish the molding properly, and it will be readily seen, by removing the cutting-tool from its fastenings, it can be sharpened on the polisher with greater convenience and accuracy than as ordinarily.

Having thus fully described our invention,

What we claim therein as new, and desire to secure by Letters Patent, is—

In a molding-machine, the arrangement of a rotary polisher beyond the cutting-tool of the same, substantially as and for the purpose set forth.

JOSEPH C. COOKE.
HENRY A. WHITELEY.

Witnesses:
A. G. DART,
WM. H. SHIELDS.