

J. H. BROWN.
Machines for Gluing Moldings.

No. 147,097.

Patented Feb. 3, 1874.

Fig. 1.

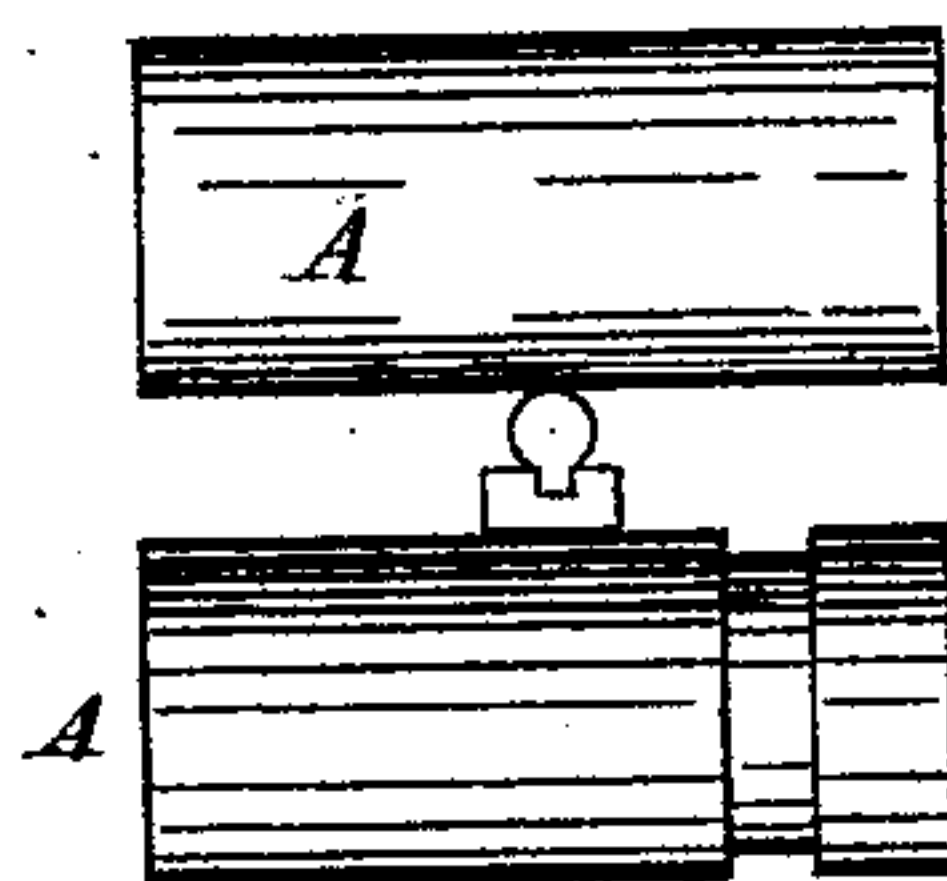


Fig. 2.

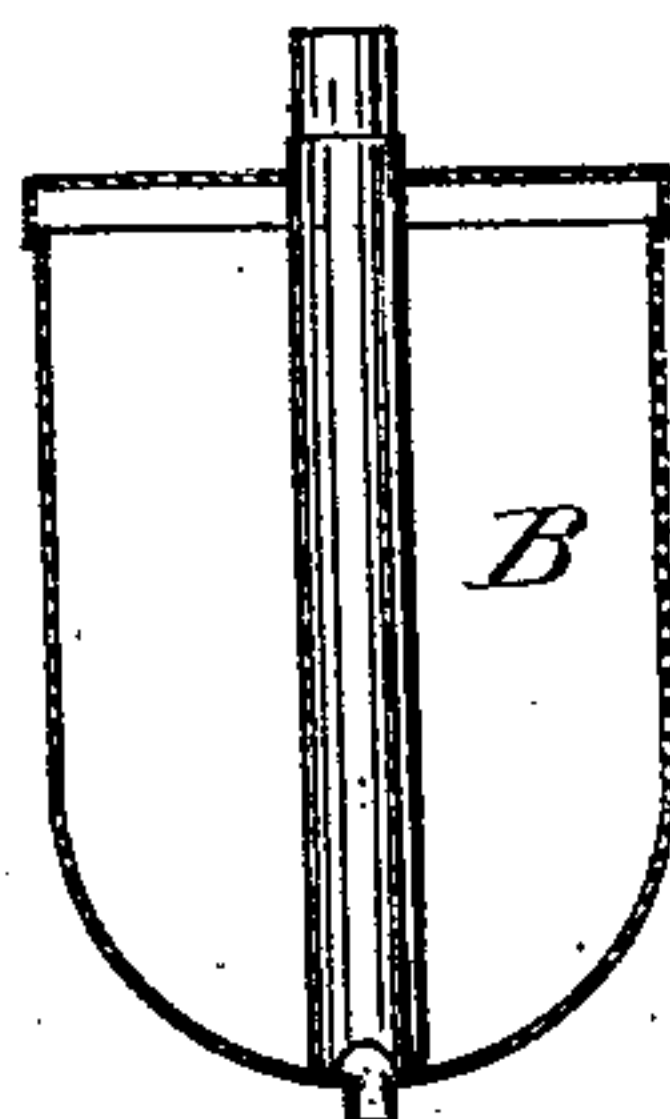
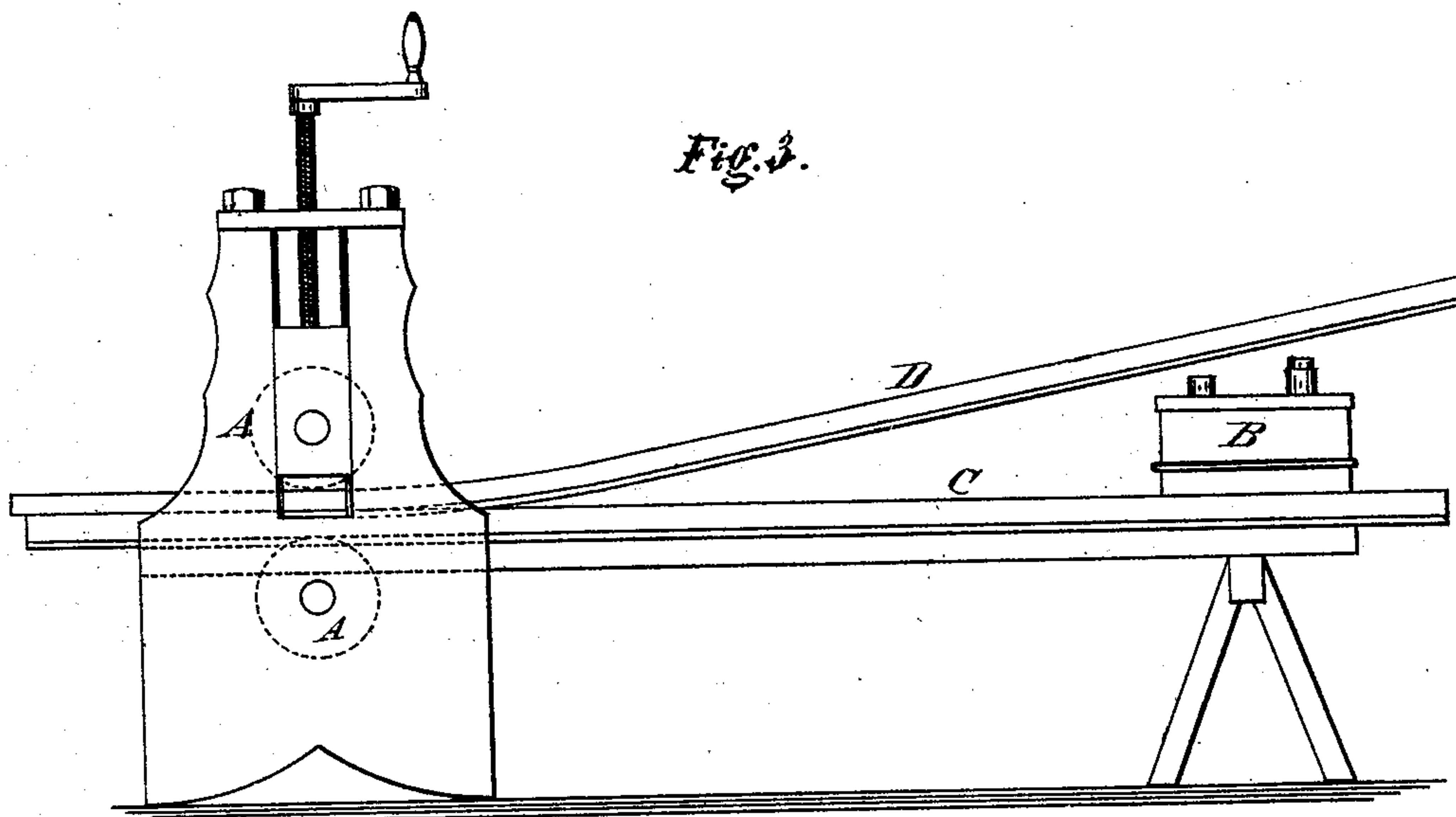


Fig. 3.



Witnesses.

Emory Cummings
James Scribner

Inventor

J. Harper Brown
per.
Dangster & Becker
attys.

UNITED STATES PATENT OFFICE.

J. HARPER BROWN, OF BUFFALO, NEW YORK.

IMPROVEMENT IN MACHINES FOR GLUING MOLDINGS.

Specification forming part of Letters Patent No. **147,097**, dated February 3, 1874; application filed September 19, 1872.

To all whom it may concern:

Be it known that I, J. HARPER BROWN, of Buffalo, in the county of Erie and State of New York, have invented a new and Improved Mode of Gluing Tongued and Grooved Molding and Lumber, of which the following is a specification:

My invention relates to a process for gluing lumber and moldings when in the stick, and having a tongue and groove; and it consists in forcing or spreading a limited amount of glue into the groove by a regulating device, and then inserting the end of the tongue into the end of the groove, so that the pieces to be glued shall be at an angle to each other in the direction of their length. The end of the molding thus united is now put between two rollers or other compressing device, and gradually fed through. The gradual forcing of the tongue into the groove at an angle thereto pushes the glue in the groove before it, bringing it into contact with the sides of the groove.

The advantage of this method of gluing tongued and grooved moldings and lumber over the old method is that they can be glued much faster, and the gradual forcing of the tongue into the groove, as described, carries the glue

ahead of it, and brings it into contact with the sides of the groove, thus making a better joint, and also one which shall show no waste glue on its exterior. This method affords a much better union of the two parts when they are united.

The accompanying drawing shows a machine which can be used in uniting molding or lumber under my process, A A being rollers, which can be set such distances apart as the different thicknesses of molding would require. B is a glue-pot arranged with any suitable pumping device for pumping the glue into the groove. C is the molding having the groove on its face, and D the bead having the tongue.

I do not claim tongued and grooved molding.

I claim—

Gluing tongued and grooved molding by means of the glue-pot B, having a device for pumping the glue into the groove, and the rollers A A, arranged to force the tongue into the groove, in the manner described.

J. HARPER BROWN.

Witnesses:

VICTOR H. BECKER,
JAMES SANGSTER.