

F. J. HOYT.

FASTENERS FOR MEETING-RAILS OF SASHES.

No. 187,141.

Patented Feb. 6, 1877.

Fig. 1

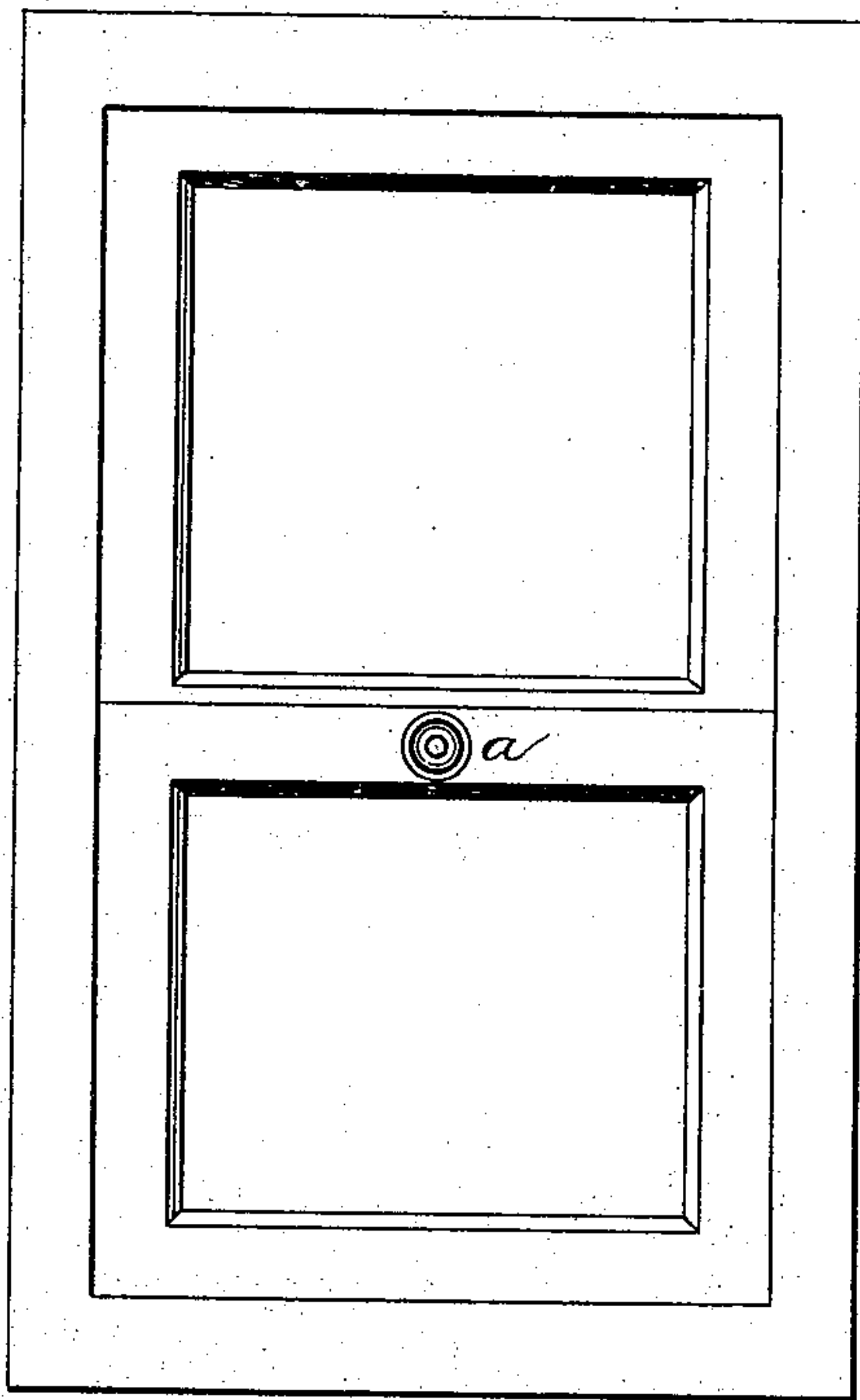
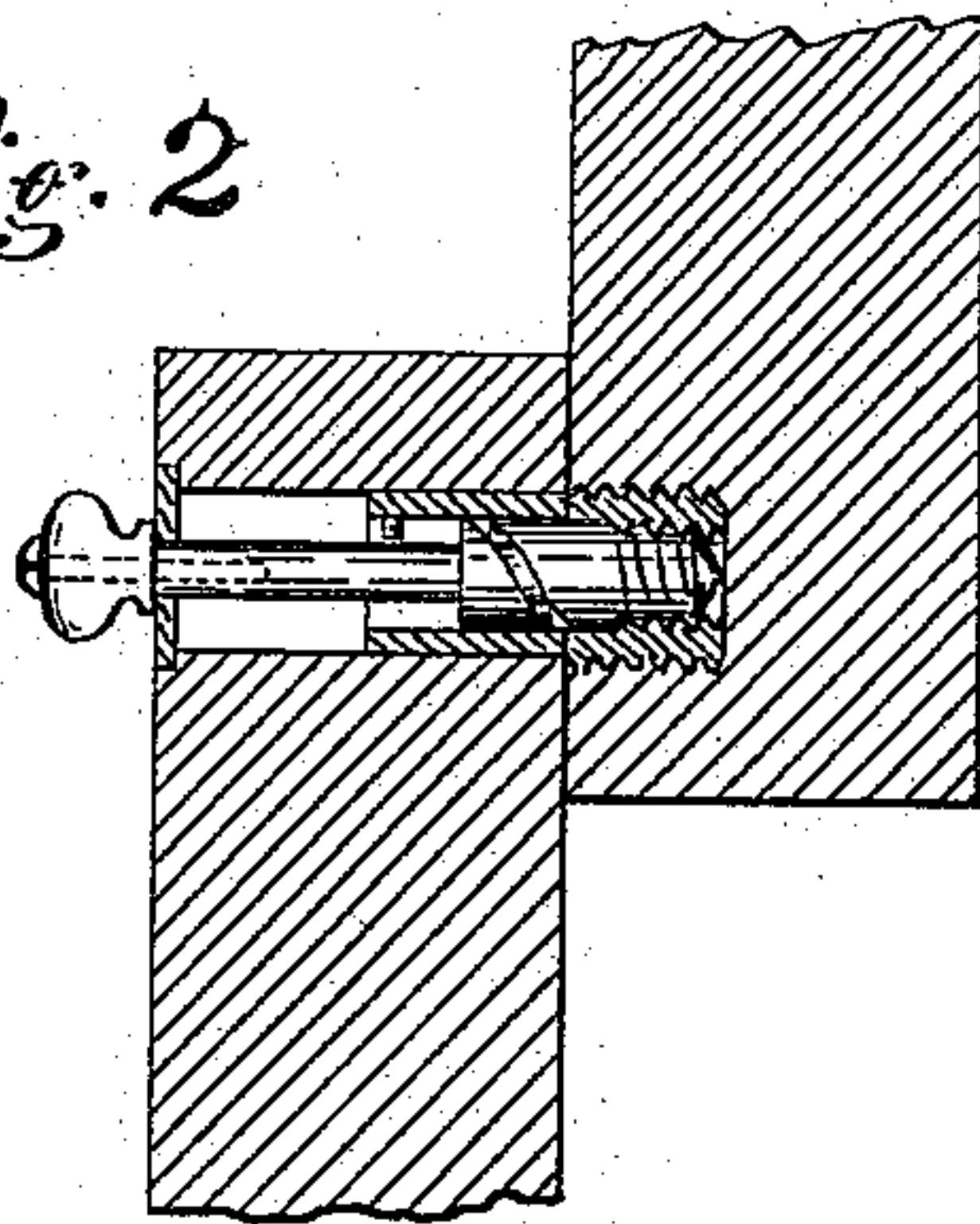


Fig. 2



Witnesses,

*Emma Watkeman,
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Fred. J. Hoyt
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UNITED STATES PATENT OFFICE.

FREDERICK J. HOYT, OF BATAVIA, NEW YORK.

IMPROVEMENT IN FASTENERS FOR MEETING-RAILS OF SASHES.

Specification forming part of Letters Patent No. **187,141**, dated February 6, 1877; application filed September 18, 1876.

To all whom it may concern:

Be it known that I, FREDERICK J. HOYT, of the town of Batavia, in the county of Genesee and State of New York, have invented a new and useful Improvement in Fasteners for the Meeting-Rails of Sashes, for which I obtained a patent on the 8th August, 1876, No. 180,716, and to which my herein-described improvement is to be applied, and which is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to improve the invention described in Letters Patent issued to me on the 8th August, 1876, by making the socket in the upper sash with a screw-thread, both inside and out. This is clearly illustrated in the drawing.

I place a metal socket, having a screw-thread both inside and out, in the lower rail of the upper sash, and the bolt, which passes through the upper rail of the lower sash, being screw-

threaded to the end, engages with the thread inside of said socket, and by this means the two rails of said sashes are drawn tight together, the air is excluded, the sashes are prevented from rattling, and there is no open joint for a burglar's tool.

The thread upon the outside of the socket holds it in the wood, and prevents its being drawn out by the action of the threaded bolt in drawing and holding the sashes together.

Having thus described my invention, I claim as follows:

A metal socket threaded inside and out, in combination with a threaded bolt for fastening the meeting-rails of window-sashes, substantially as described, and for the purposes set forth.

FRED. J. HOYT.

Witnesses:

EMMA WAKEMAN,
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