

No. 228,199.

Patented June 1, 1880.

Fig: 1.

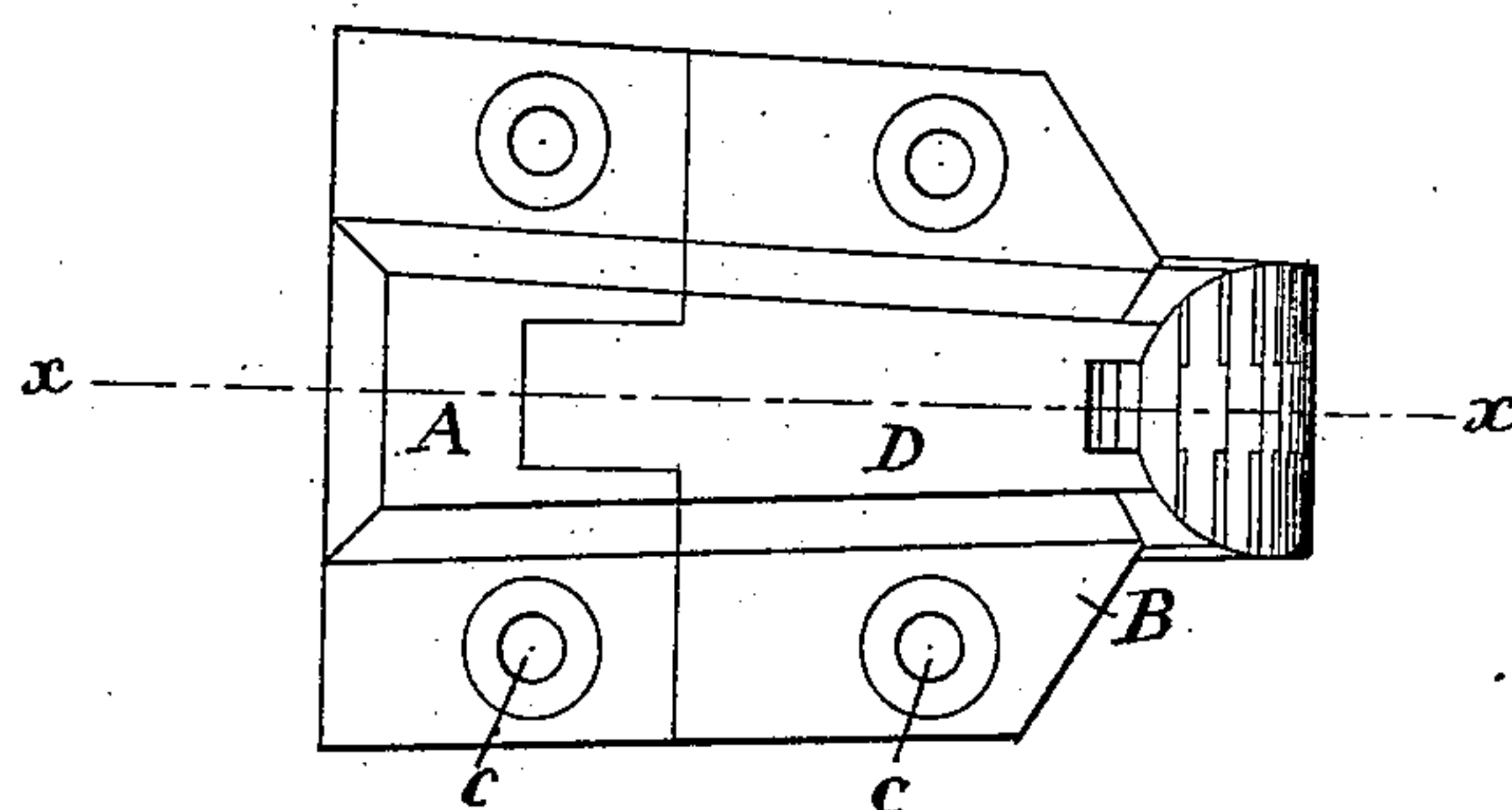


Fig: 2.

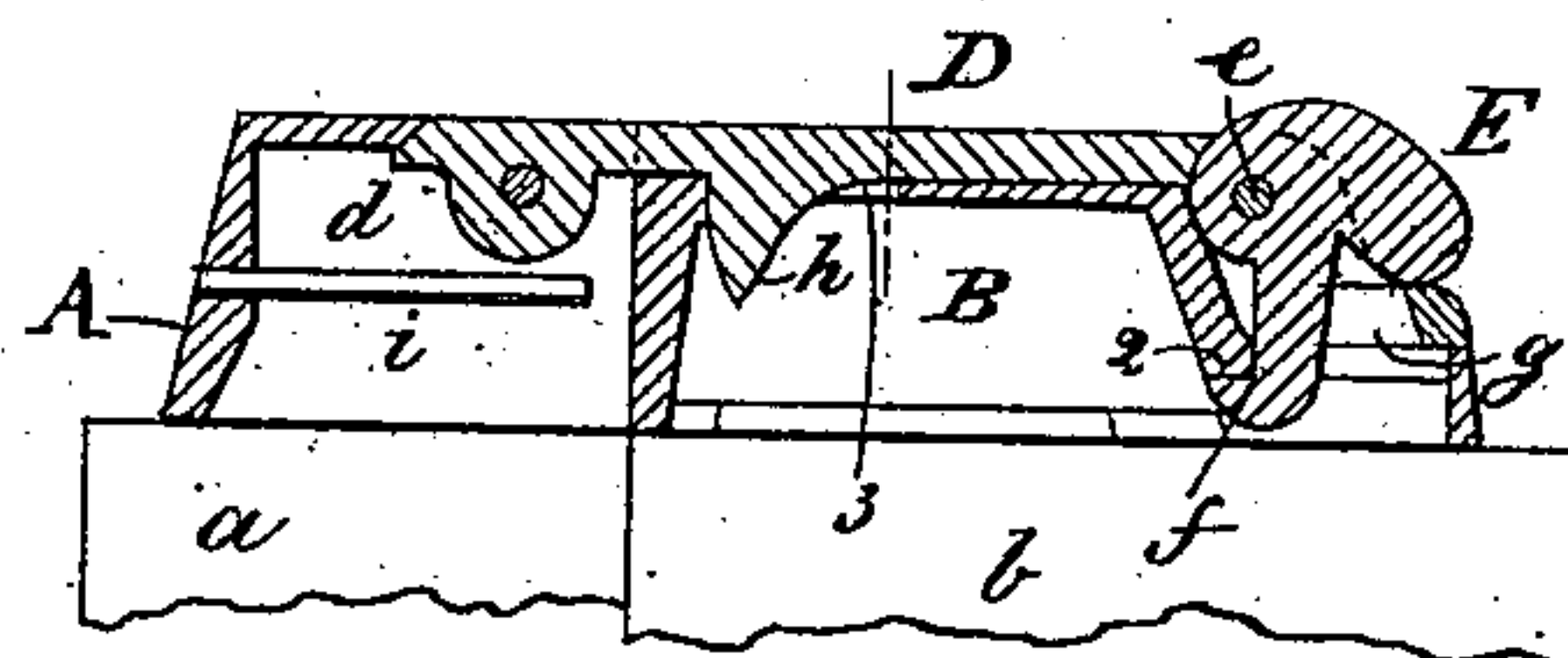


Fig. 3.



Witnesses.
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SAMUEL P. JACKSON, OF MANCHESTER, NEW HAMPSHIRE.

FASTENER FOR MEETING-RAILS OF SASHES.

SPECIFICATION forming part of Letters Patent No. 228,199, dated June 1, 1880.

Application filed September 15, 1879.

To all whom it may concern:

Be it known that I, SAMUEL P. JACKSON, of Manchester, county of Hillsborough, State of New Hampshire, have invented an Improvement in Fastenings for Meeting-Rails of Sashes, of which the following description, in connection with the accompanying drawings, is a specification.

This invention relates to fastenings for the meeting-rails of sashes, and has for its object the production of a cheap, reliable, and durable fastening for the meeting-rails.

This my present invention is an improvement on the fastening described in my Patent No. 211,513, dated January 21, 1879, to which reference may be had.

In this present invention I dispense with the turn-button and spring shown in that patent, and instead I employ a gravitating or weighted catch, preferably pivoted upon the arm which crosses that part of the base that rests upon the top of the lower sash. This arm is also provided with a tapering lug to draw the sash together.

Figure 1 represents, in top view, a meeting-rail fastening embodying my invention; Fig. 2, a longitudinal section thereof on the line *x*, parts of the bottom rail of the upper sash and top rail of the lower sash being shown; and Fig. 3 is a section of the lever, showing its tapering projection.

As in my other patent, A B represent the two parts of the fastening, the part A being secured to the lower rail, *a*, of the upper sash, and the part B to the upper rail, *b*, of the lower sash, by screws in suitable holes *c* in the said parts. (See Fig. 1.)

The arm or lever D, pivoted at *d* to the part A, has connected with its outer end a gravitating or weighted catch or latch, E, it having its center of motion at *e*, and being provided with a hook, *f*, adapted to engage a shoulder, 2, formed, as herein shown, by making a slot, *g*, in the part B. This catch is so hung with reference to the arm D, and the hook and shoulder are so shaped, that any attempt to lift the lower sash will so draw on the catch as to force it into closer engagement with the shoulder 2. This lever D has upon it a tapering projection, *h*, which enters a slot, 3, in the part B, the said

projection, tapered at three sides, acting to draw the faces or abutting edges of the two parts A B closely together, thereby avoiding rattling of the sash.

This fastening is very simple, and is so closed as not to permit water or dust to enter the fastening to clog or affect the operation of its parts.

When the arm is brought down in position on the part B the catch immediately engages the shoulder 2 and locks the arm.

When the outer enlarged end of the catch is engaged, and when it is desired to unfasten the catch, the first slight lift of the said catch disengages it from the shoulder 2, and after that the lever D may be readily lifted and turned on its pivot *d*.

The two parts A B may be of any usual or desired configuration, design, or material.

In the rear of part A, I have provided a pin, *i*, herein shown as a spring, to act upon the short arm of lever D and hold said lever in upright position.

I claim—

1. As an improved article of manufacture, a meeting-rail fastening composed of the two parts A B, a lever pivoted to swing in a vertical plane, and a gravitating or weighted catch connected therewith, the catch being adapted to engage a shoulder upon the part B by the movement of the said lever down upon the said part B, and to be released therefrom by the same operation that raises the lever, substantially as described.

2. In a meeting-rail fastening, the lever D, pivoted to swing in a vertical plane upon one part of the fastening, and provided with the tapering projection *h* to draw the parts A B together, combined with the weighted catch pivoted on said lever and the part B, provided with a shoulder, 2, to be engaged by the said catch, and a slot, 3, to receive the projection *h*, to operate substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SAMUEL P. JACKSON.

Witnesses:

G. W. GREGORY,
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