

(No Model.)

J. READ.
AWNING FRAME.

No. 312,898.

Patented Feb. 24, 1885.

Fig. 1.

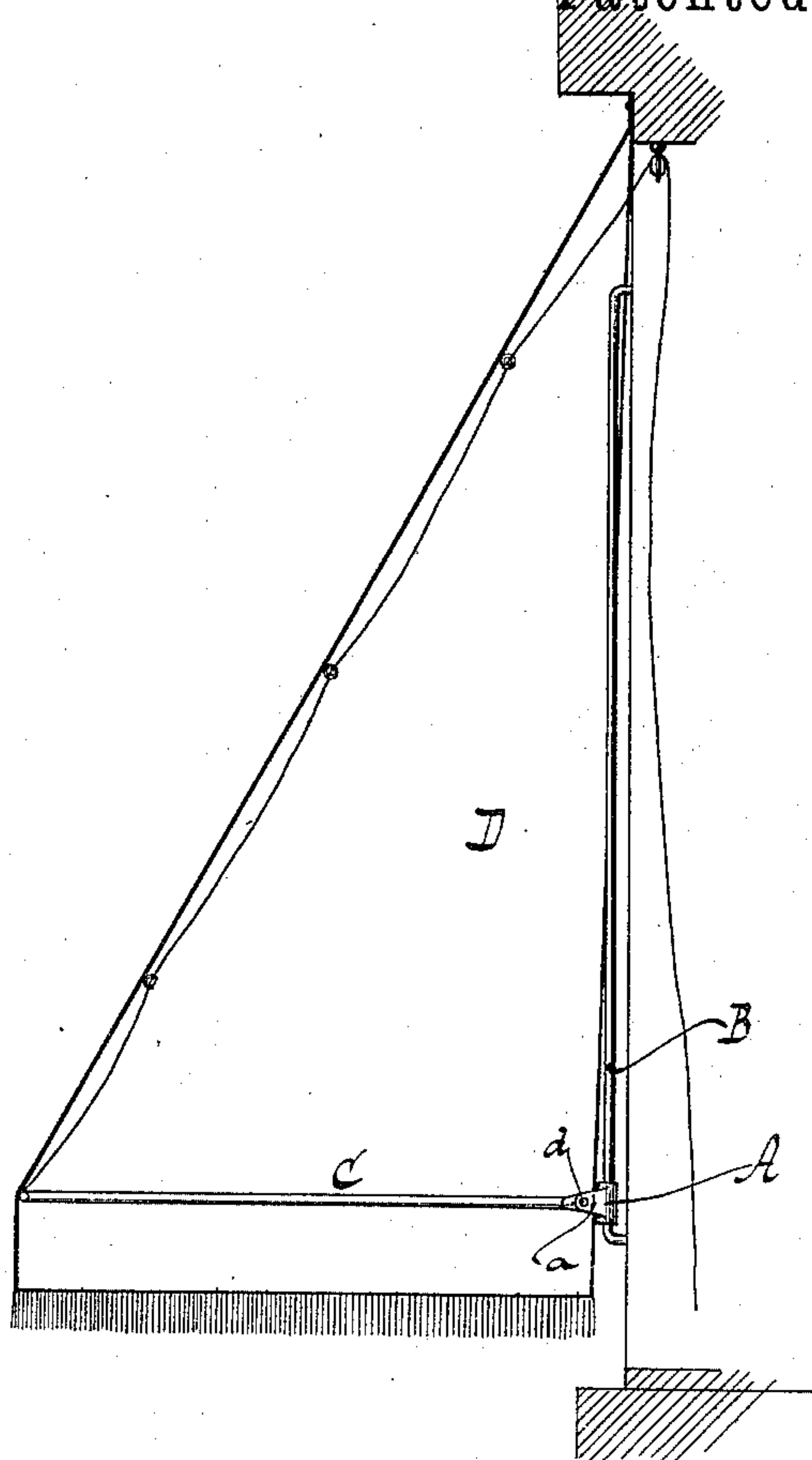


Fig. 2.

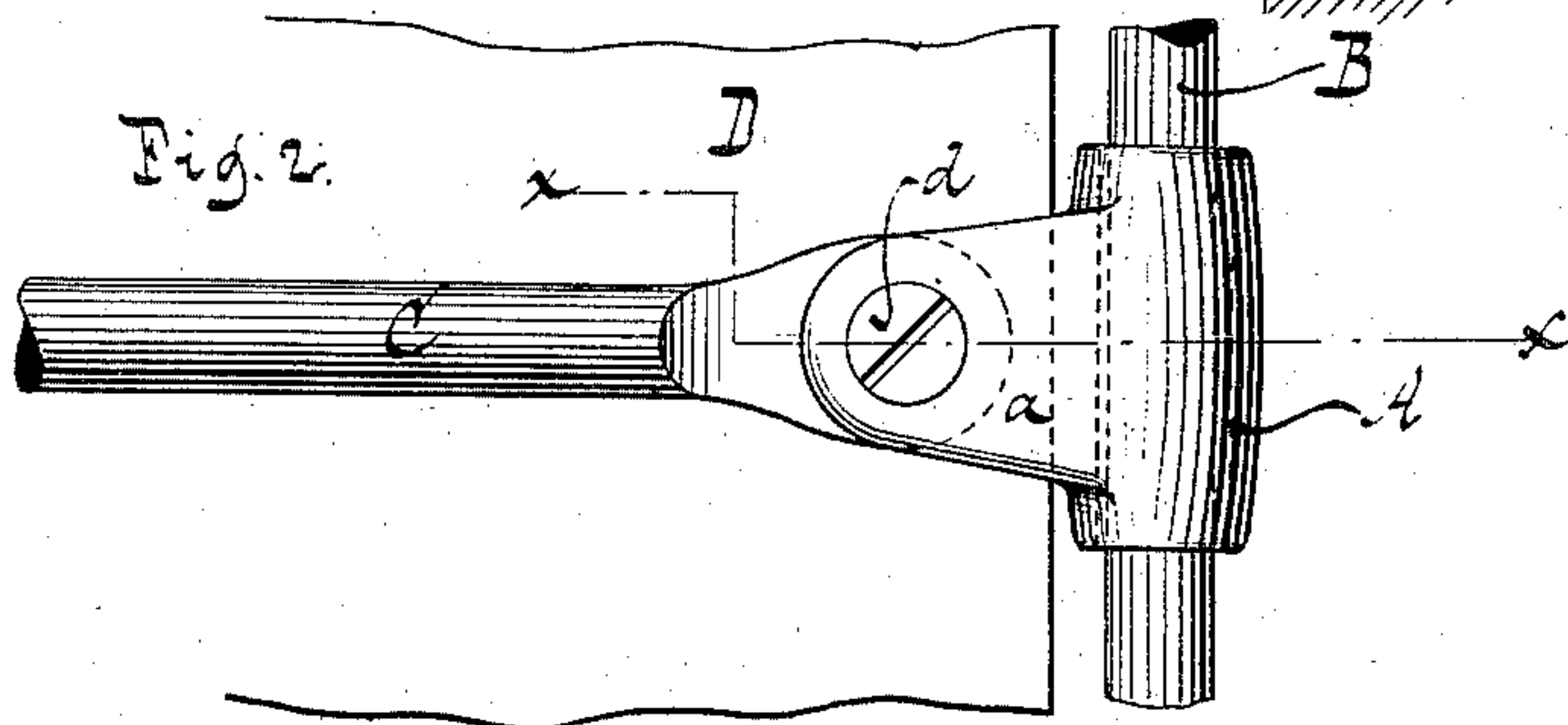
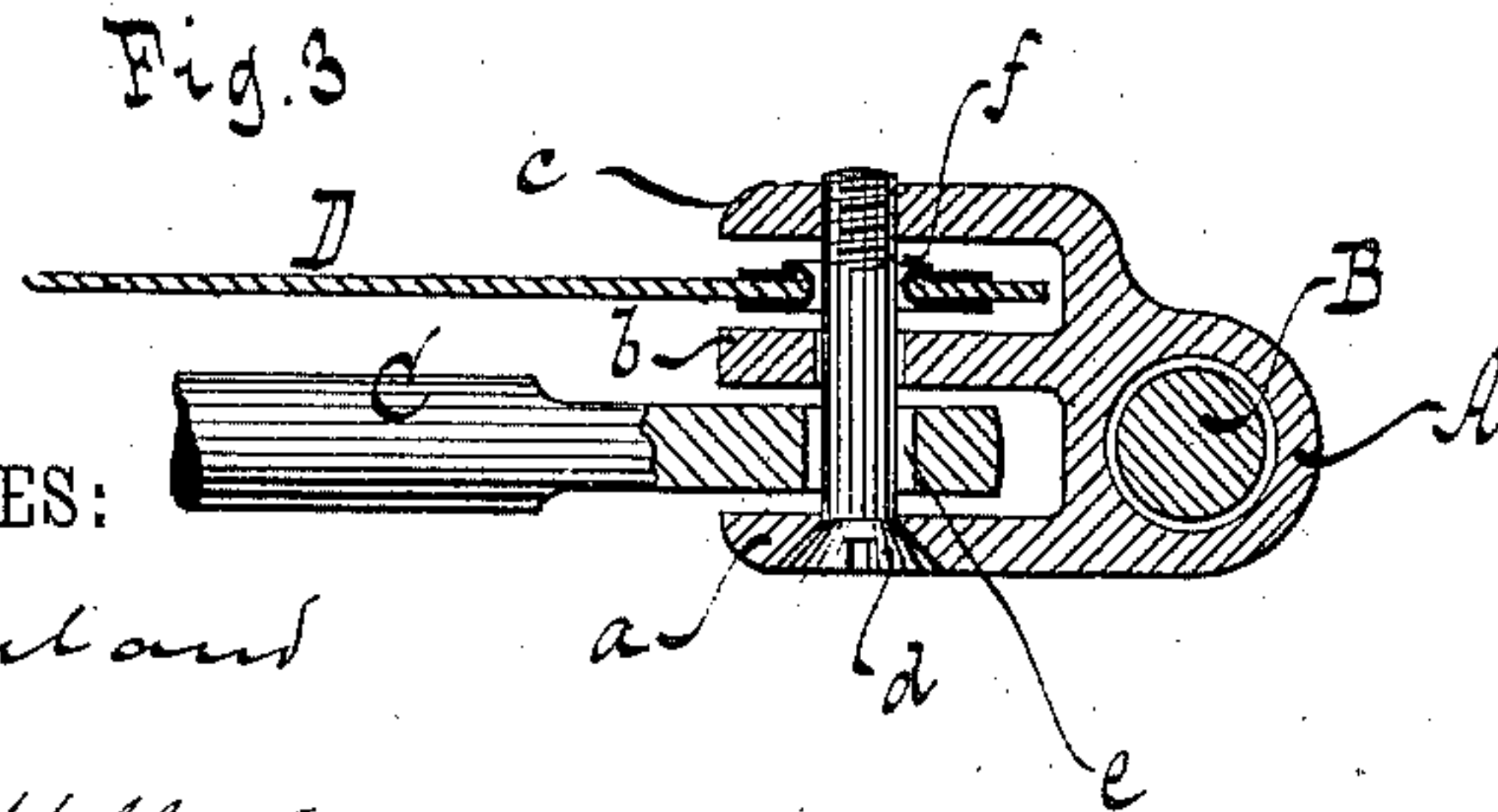


Fig. 3.



WITNESSES:

Otto Hufel and
William Miller

INVENTOR

James Read

BY

Van Santvoord & Hauff
his ATTORNEYS

UNITED STATES PATENT OFFICE.

JAMES READ, OF MIDDLETOWN, CONNECTICUT, ASSIGNOR TO WILCOX, CRITTENDEN & CO., OF SAME PLACE.

AWNING-FRAME.

SPECIFICATION forming part of Letters Patent No. 312,898, dated February 24, 1885.

Application filed October 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES READ, a citizen of the United States, residing at Middletown, in the county of Middlesex and State of Connecticut, have invented new and useful Improvements in Awning-Frames, of which the following is a specification.

The object of my invention is to provide a novel, economical, and efficient frame-support for awnings; and to such ends the invention consists in a slide provided with lugs carrying a pivot-pin forming the fulcrum for one of the side bars of an awning, said slide being also provided with an extra or supplemental lug having a hole or opening to admit the end of the fulcrum-pin, whereby space is furnished for the inner edge of the side wing of the awning, and the side wing can be connected to the awning-frame by providing it with a suitable hole through which the fulcrum-pin is passed.

In the accompanying drawings, Figure 1 represents a vertical section of an awning. Fig. 2 is an elevation of the slide and one of the side bars of the awning-frame on a larger scale than the previous figure. Fig. 3 is a horizontal section of the same in the plane x , Fig. 2.

Similar letters indicate corresponding parts.

In these drawings, the letter A designates the slide, which moves up and down on the guide-bar B, secured to one side of the window-frame. C is one of the side bars of the awning-frame, and D is one of the side wings of the awning. The slide is provided with two lugs, a b , to admit the end of the side

bar, C, and with an extra lug, c , to form room for the inner edge of the side wing, D. The pin d extends through the lugs a b c , through an eye, e , formed in the inner end of the side bar, C, and through a hole, f , in the side wing, as shown in Fig. 3. The edge of the hole f is by preference protected by an eyelet, so that it is not liable to tear out.

Heretofore the slide A has been provided with two lugs only, and the inner edge of the side wing had to be secured to the side bar, C, by a cord. This fastening requires time in putting up the awning, and it is liable to work loose in a comparatively short time. By providing the slide A with the extra lug c , I am enabled to connect the side wing, D, to the awning-frame by means of the fulcrum-pin d , and thereby a safe and durable connection is obtained; and, furthermore, the inner edge of the side wing is brought closer to the window-frame than it can be by the old mode of fastening.

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

The slide A, perforated, as shown and described, provided with the lugs a b , the fulcrum-pin d in said lugs, and the extra lug c , having an opening to admit the end of the fulcrum-pin, substantially as described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

JAMES READ. [L. S.]

Witnesses:

HAYDEN D. GOODRICH,
CARRIE T. E. SILL.