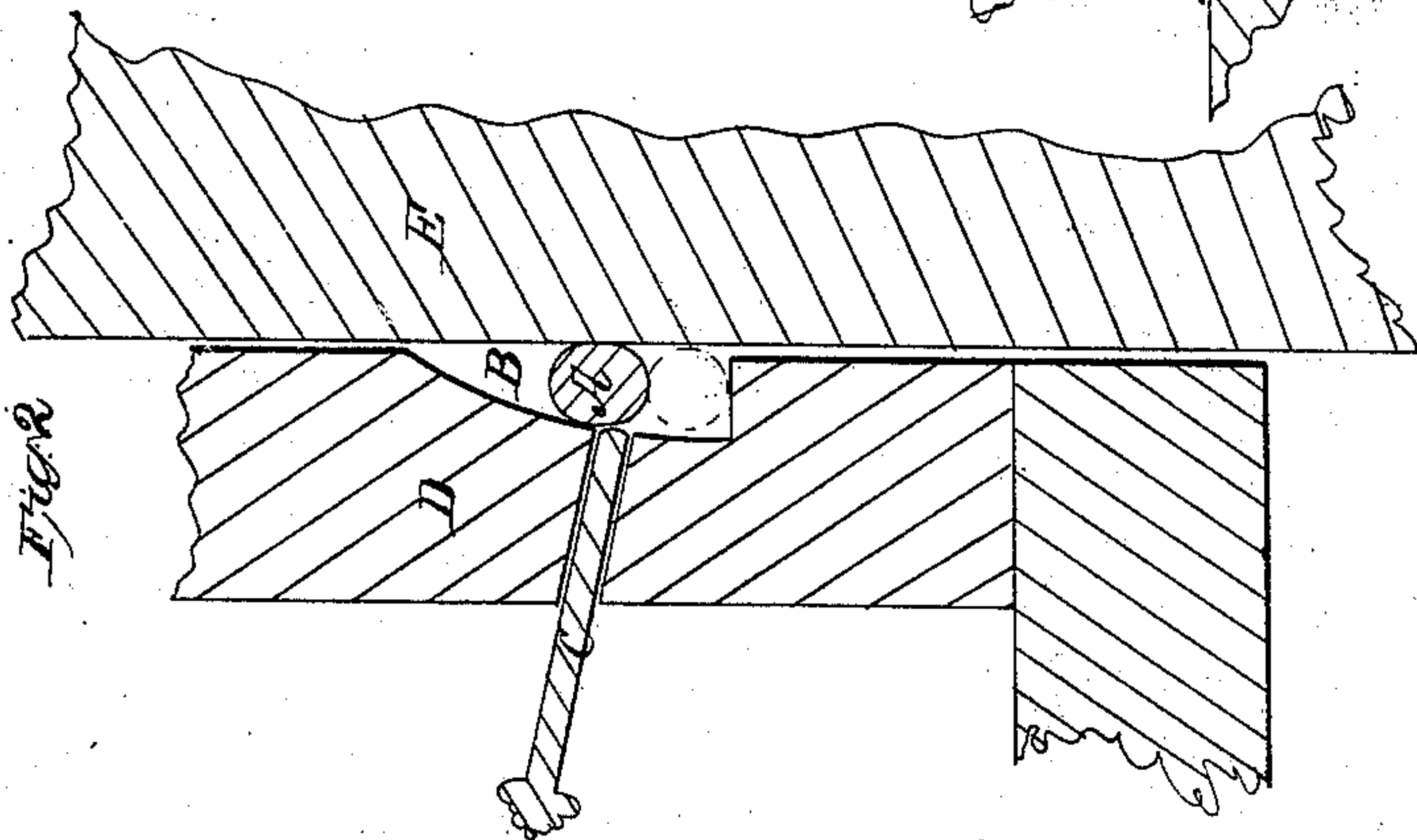
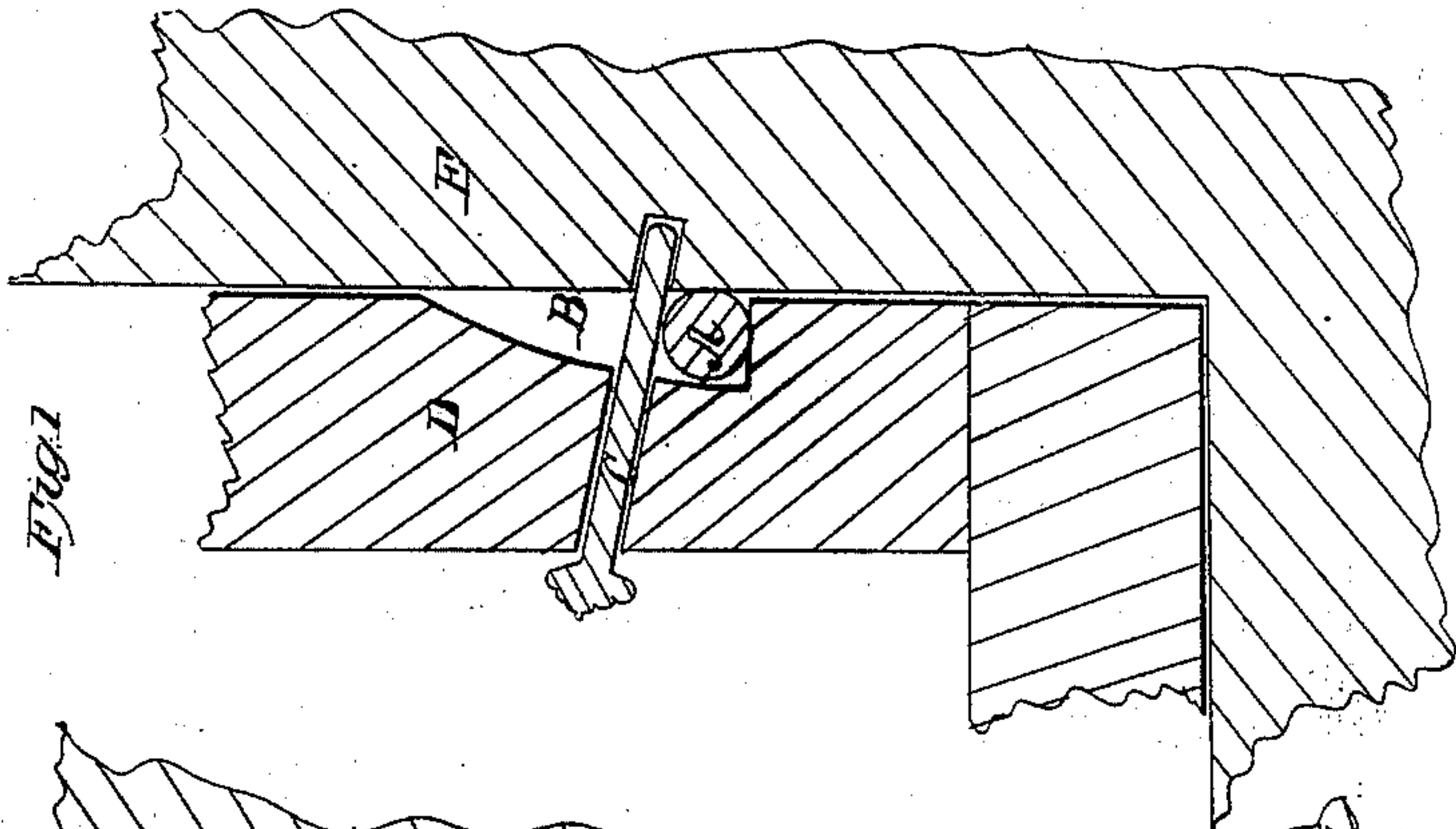
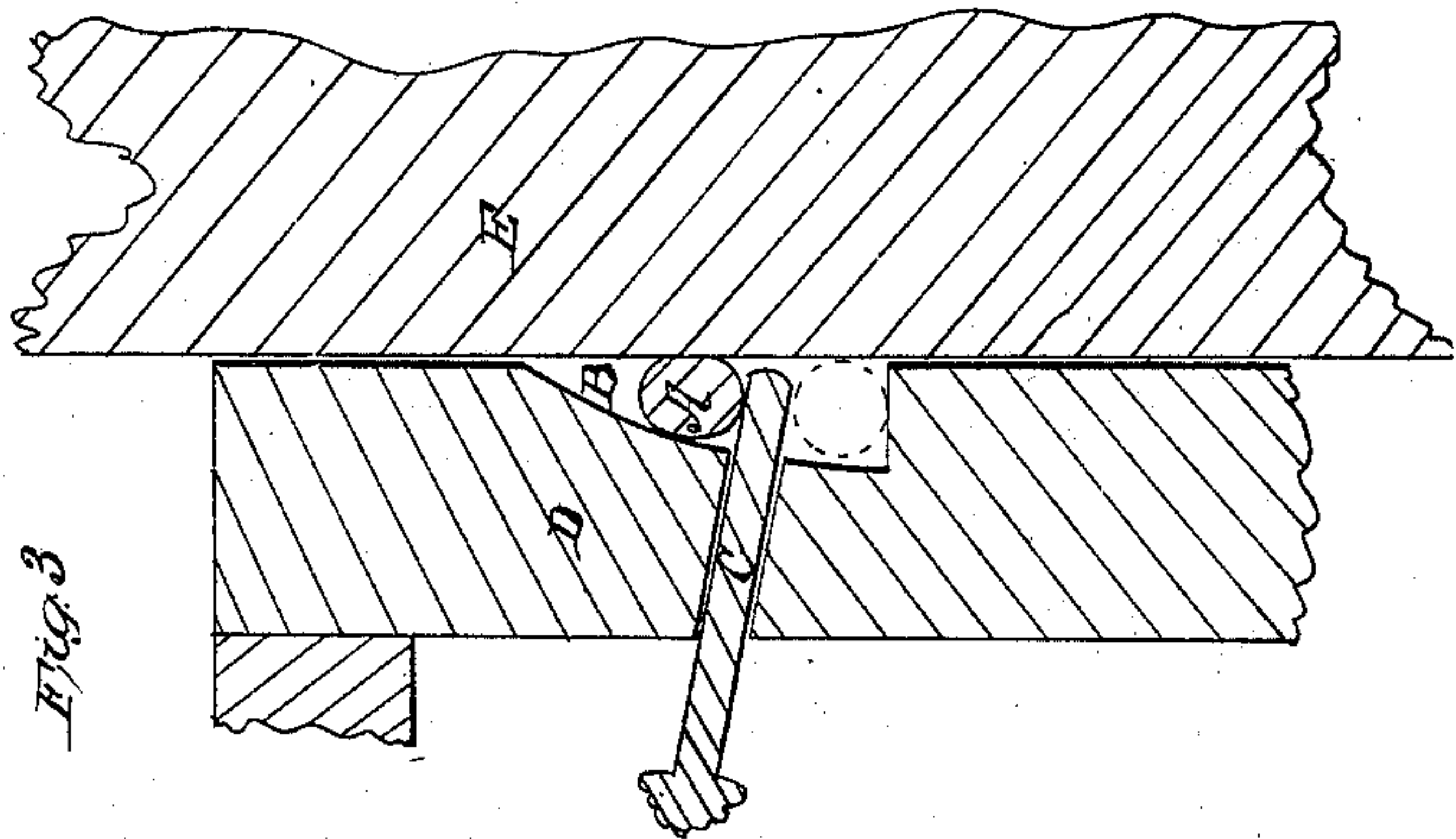


W. S. Van Hoesen,

Sash Holder.

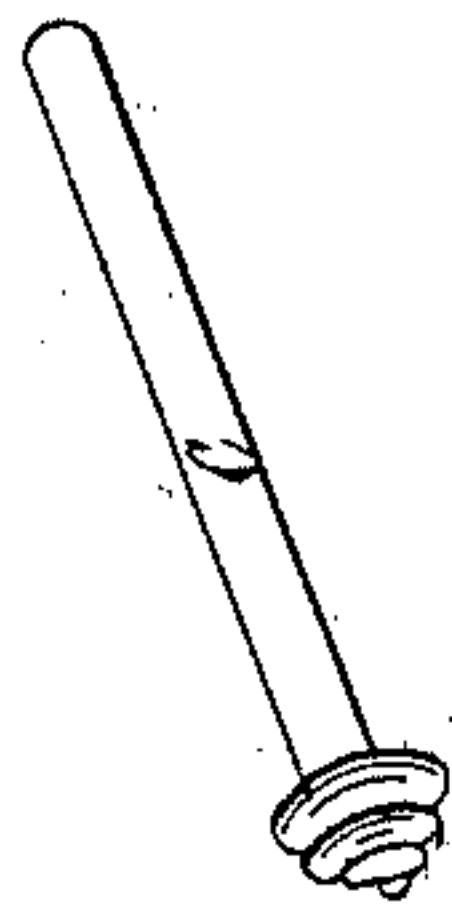
N<sup>o</sup> 58,322.

Patented Sep. 25, 1866.



Witnesses:  
Chas. D. Smith  
R. C. Weighman

Fig. 4



Inventor:  
Wm. S. Van Hoesen  
By Attorneys



# UNITED STATES PATENT OFFICE.

WILLIAM S. VAN HOESEN, OF SAUGERTIES, NEW YORK.

## IMPROVED SASH-SUPPORTER.

Specification forming part of Letters Patent No. 58,322, dated September 25, 1866.

*To all whom it may concern:*

Be it known that I, WILLIAM S. VAN HOESEN, of Saugerties, in the county of Ulster, in the State of New York, have invented a new and useful Improvement in Sash Supporters and Fasteners; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figures 1, 2, and 3 are vertical sectional views of a window sash and frame with my invention applied. Fig. 4 represents in detail the ball and roller, together with the locking-pin, hereinafter referred to.

Similar letters of reference indicate corresponding parts in the several figures.

This invention relates to a novel method of employing a locking pin or bolt in connection with a supporting roller or ball, which is composed of rubber or other suitable material, and arranged within an inclined recess in the sash, as will be presently explained in detail.

The sash being closed, the bolt is pushed in through the incline over the roller, entering the frame in such a manner as to lock it securely. Now, if you desire to raise the sash, you start out the bolt far enough to allow the sash to work free up or down; then raise the same to the place you desire, pull the bolt, and it allows the roller to press itself up on the incline between the sash and frame, and thus cause a bind sufficient to hold the same where desired; and furthermore, in order to lock the sash at any point when up, press down on the same and push in the bolt under the roller, or otherwise causing it to be secure. Then, in order to close the sash, start out the bolt, at the same time raise up the sash a little, which causes the roller to pass to the lower part of the incline; then push in the bolt over the roller which holds the same, so as to allow the sash to move up or down with ease. When the sash is down push in the bolt, so as to lock it securely, as before.

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

A is the ball, situated in the inclined recess B under the bolt C in Fig. 1, which represents the sash D closed and locked by the bolt C passing through the same into the frame E.

Fig. 2 shows the sash D in a raised position, with the bolt C pulled out, so as to allow the ball A to press up into the incline B sufficiently to cause a bind between the sash D and frame E, and hold the same in position.

Fig. 3 shows the sash D locked in a raised position, as follows: The above-named sash being raised and suspended, as in Fig. 2, you then press down on the same enough to allow the bolt C to be pushed in under the ball A, as represented in Fig. 3, thus locking it securely where placed. Furthermore, in order to lower the sash, pull the bolt, as in Fig. 2, at the same time raising the sash enough to cause the roller to pass down in lower part of the incline B; then push in the bolt C, which holds the ball A in the proper position and prevents it causing a bind as before, thus allowing the sash to work up or down with ease. When the sash is down, as shown in Fig. 1, push the bolt C into the frame E, and it is secure.

Fig. 4 shows the most desirable forms of the ball or roller and pin C, the incline being generally made on or in the edge of the sash in the form of a groove or recess.

Having thus described my invention, the following is what I claim as new herein and desire to secure by Letters Patent:

The loose bolt or pin C, arranged, relatively with the inclined recess B, in the manner described, and employed, in combination with a ball or roller, A, for the purpose of locking and sustaining a window-sash, as herein explained.

WILLIAM S. VAN HOESEN.

Witnesses:

D. V. N. HOTALING,  
E. A. PRESTON.