

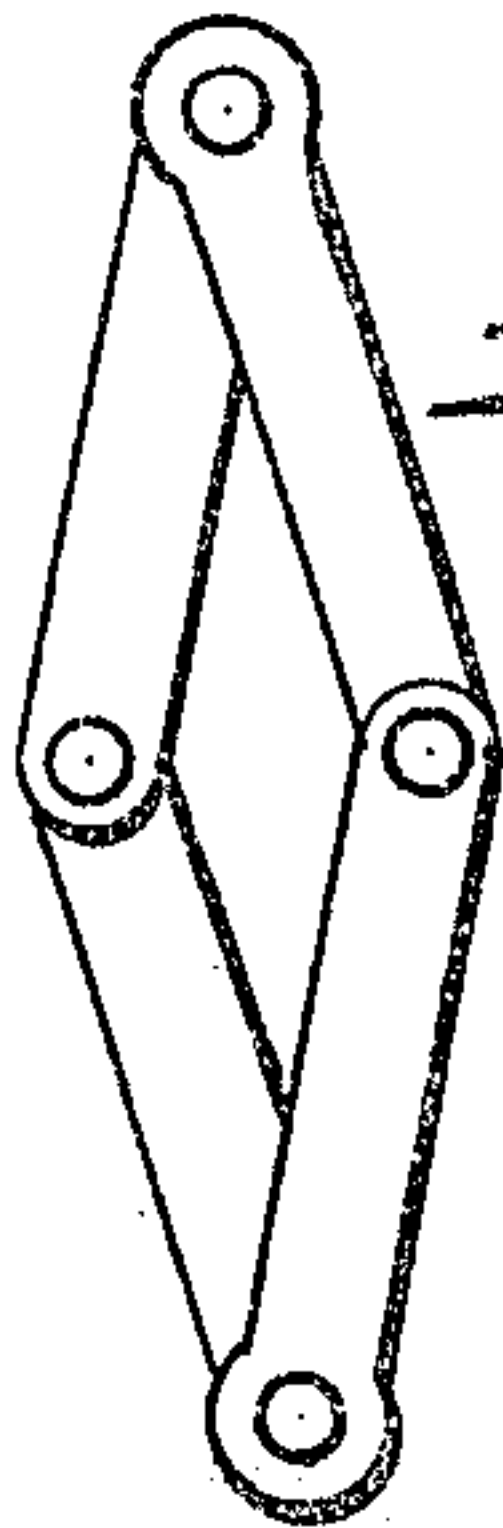
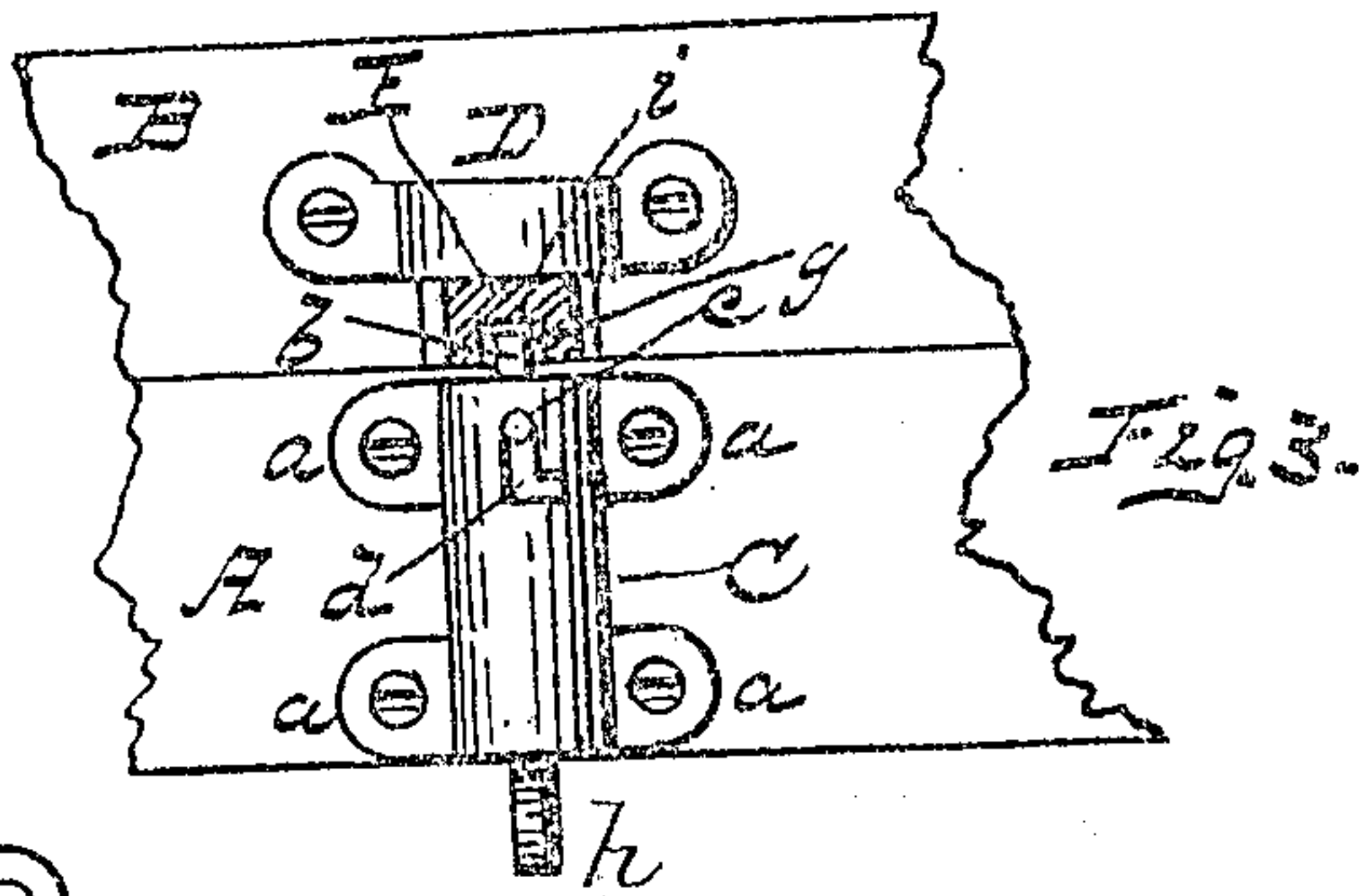
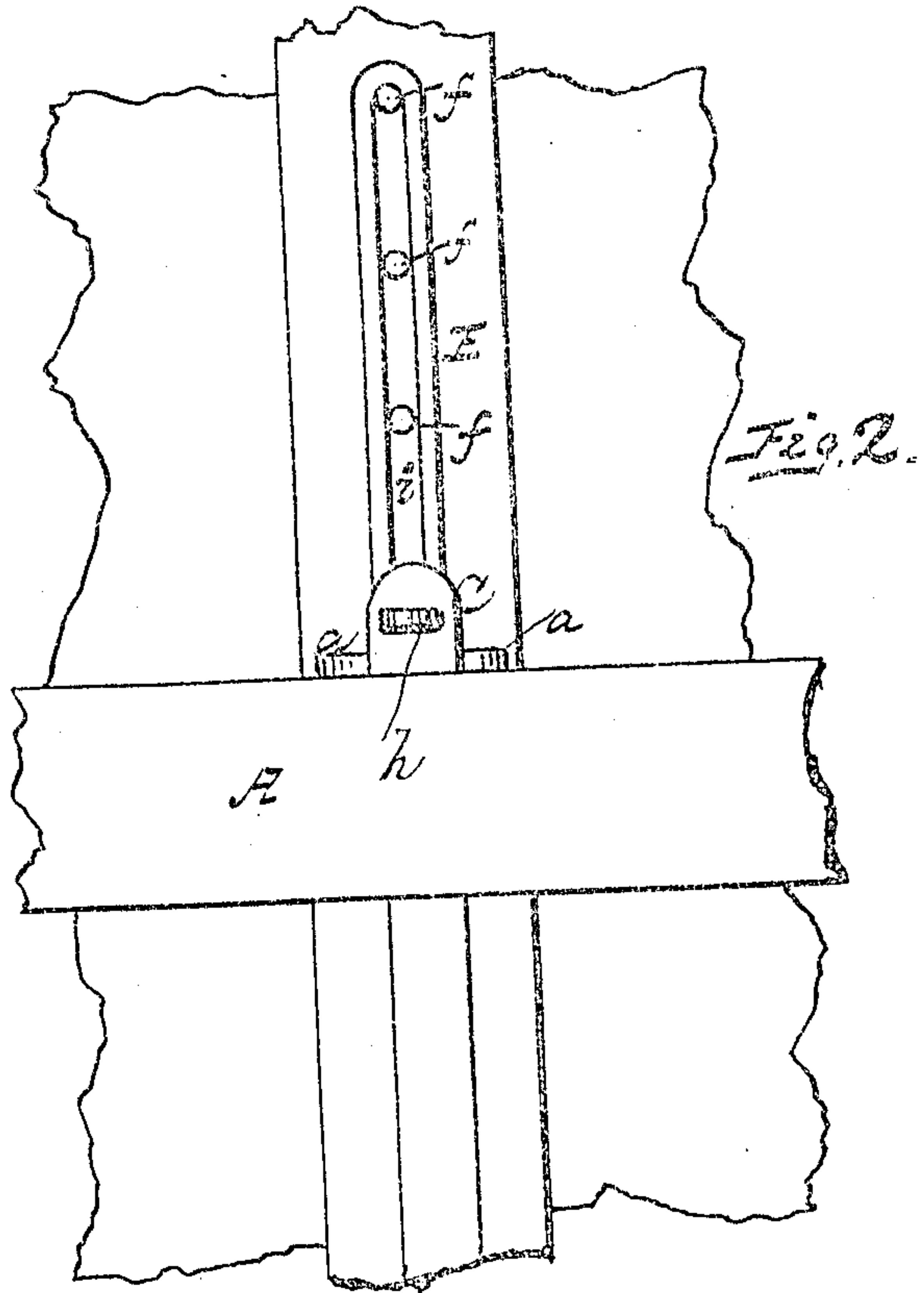
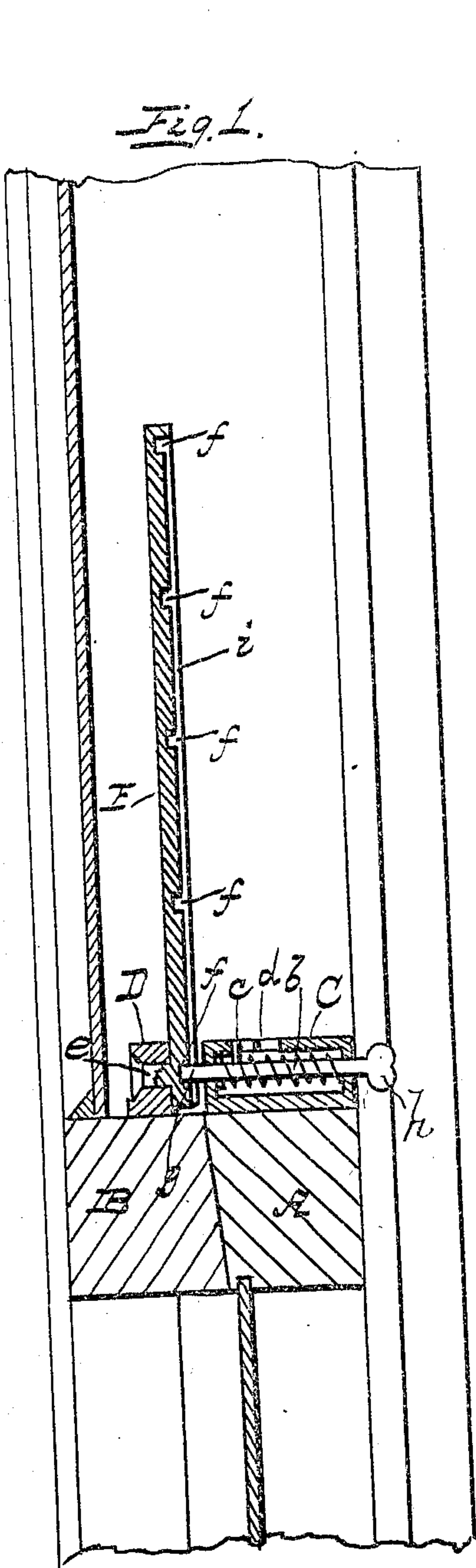
No. 885,393

PATENTED APR. 21, 1908.

F. A. STAPLES & L. MÖLLER.

SASH FASTENER.

APPLICATION FILED JULY 8, 1907.



WITNESSES  
John R. Raymond  
S. S. Hammond

INVENTORS  
F. A. Staples  
Louis Möller  
by C. H. Bates Attorney



# UNITED STATES PATENT OFFICE.

FRANK A. STAPLES AND LOUIS MÖLLER, OF SAN FRANCISCO, CALIFORNIA:

## SASH-FASTENER.

No. 885,393.

Specification of Letters Patent.

Patented April 21, 1908.

Application filed July 8, 1907. Serial No. 382,726.

*To all whom it may concern:*

Be it known that we, FRANK A. STAPLES and LOUIS MÖLLER, citizens of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Sash-Fasteners, of which the following is a specification.

Our invention relates to improvements in sash fasteners and it consists in the novel construction, combination and arrangement of parts of which it is composed, whereby the upper and lower sashes of a window can be adjusted in relation to one another for ventilating a room, and both locked together at different points, all as will be herein after more fully described and particularly pointed out in the appended claim.

The annexed drawings, to which reference is made, fully illustrate our invention, in which—

Figure 1 represents a vertical sectional view of our sash fastener, showing the two sashes closed and locked together. Fig. 2, front view of the same. Fig. 3, is a top or plan view of the bolt casing, and Fig. 4, is a face view of the pivoted bar showing the same in modified form.

Referring by letter to the accompanying drawings, A designates the upper rail of a lower sash of a window and B, the lower rail of the upper sash.

C indicates a hollow casing provided with side perforated lugs *a, a*, having opening to receive screws, by which said casing is secured to the upper face of the top rail of the lower sash of a window. This casing is provided with a spring actuated bolt *b*, having a vertical pin *c* that engages a bayonet fastening slot *d*, in the upper face of the casing.

D, designates a bracket, secured to the upper face of the lower rail of the top sash of a window, to which is pivoted, as at *e*, the lower end of a bar E, having recesses *f*, designed to receive the end *g*, of the bolt aforesaid.

It will be observed, in adjusting the sashes in ventilating a room, that the sashes are held firmly together by the end of the bolt

entering one of the recesses in the pivoted bar, the locking rod forced into said recess by the action of the coiled spring thereon.

In releasing one sash from the other the spring actuated bolt is drawn back by its handle or knob *h*, and the end thereof is disengaged from the recess in the bar after which the bolt is turned slightly when the pin engages the offset of the bayonet slot and thus holding the bolt in an unlocked position, and it will be further seen that by our device the fastener can not be tampered with on the outside of the window, and that the bar being pivoted the groove *i*, can not bind or prevent the sashes from working smoothly as said bar accommodates itself to the movement of the rod point and sashes.

In Fig. 4 we show the attachment for the upper sash in modified form wherein a jointed device is used instead of the straight bar, in the form of a toggle joint; the pivoted arms thereof opening and closing as the sashes are adjusted.

The application of our device provides means whereby the two sashes may be locked, whether they are adjusted for ventilation or when both are closed and a device as herein described is simple in operation, ornamental, durable and at the same time inexpensive to manufacture.

Having thus described our invention, what we claim and desire to secure by Letters Patent is—

In a sash fastener the combination with the casing, provided with the spring actuated bolt, of the pivoted bar provided with the groove extending from one end to the other end and the recesses in said groove, said bar pivoted at its lower end to the bracket all as shown and described.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

FRANK A. STAPLES.  
LOUIS MÖLLER.

Witnesses:

W. S. MITCHELL,  
W. L. McLEAN.