

(No Model.)

C. W. LITTLEFIELD.

SASH FASTENER.

No. 325,846.

Patented Sept. 8, 1885.

Fig. 1.

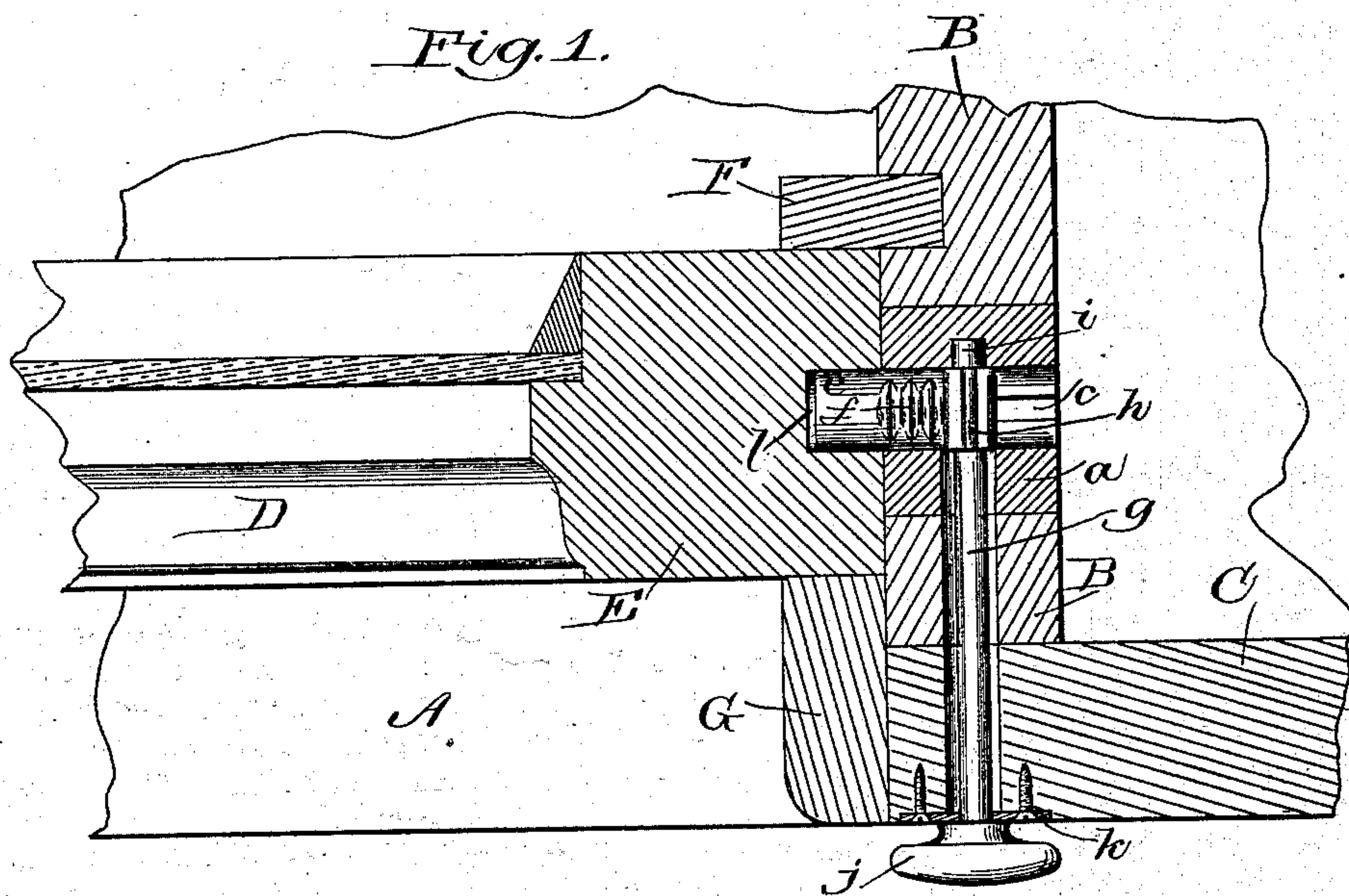


Fig. 2.

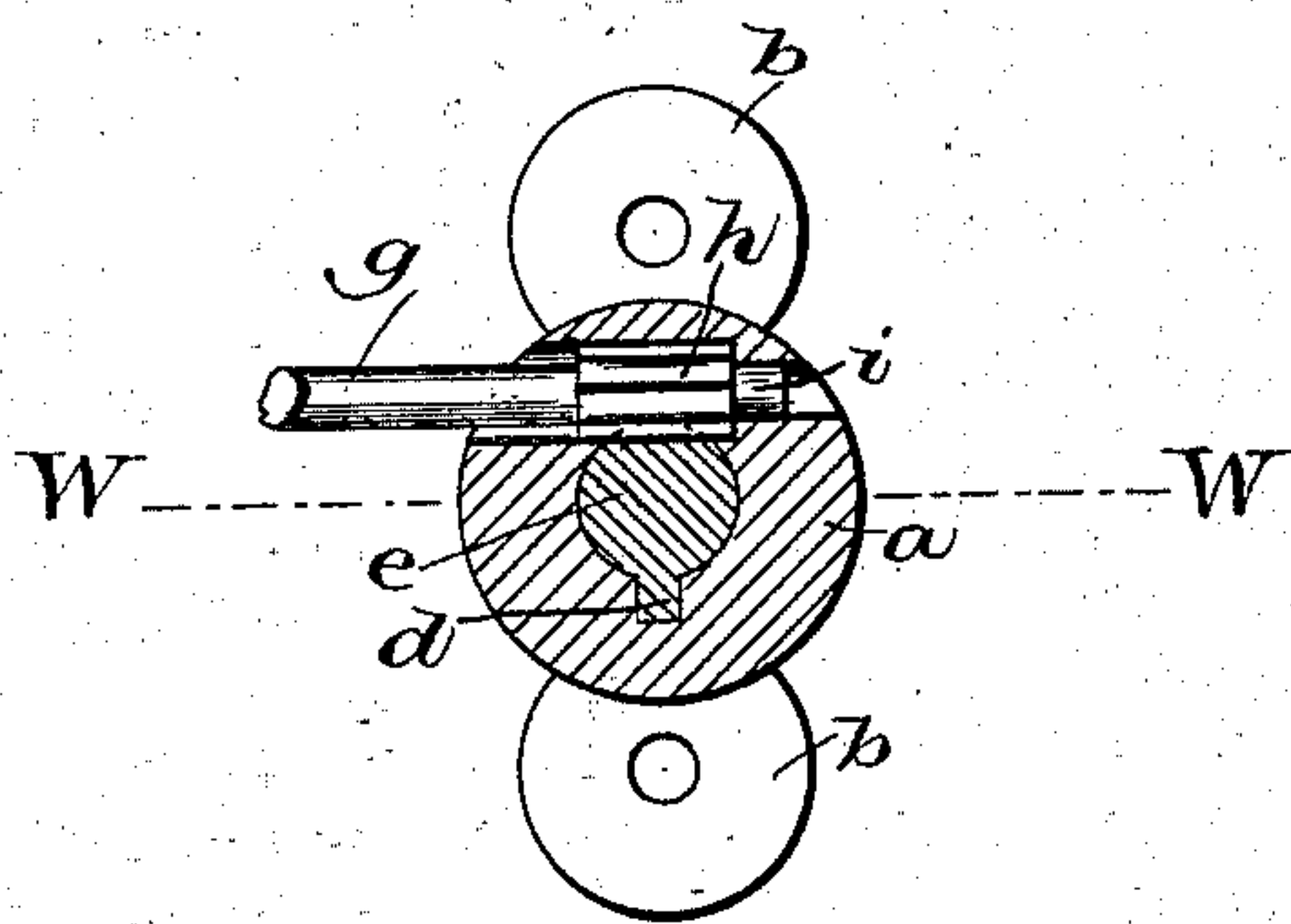
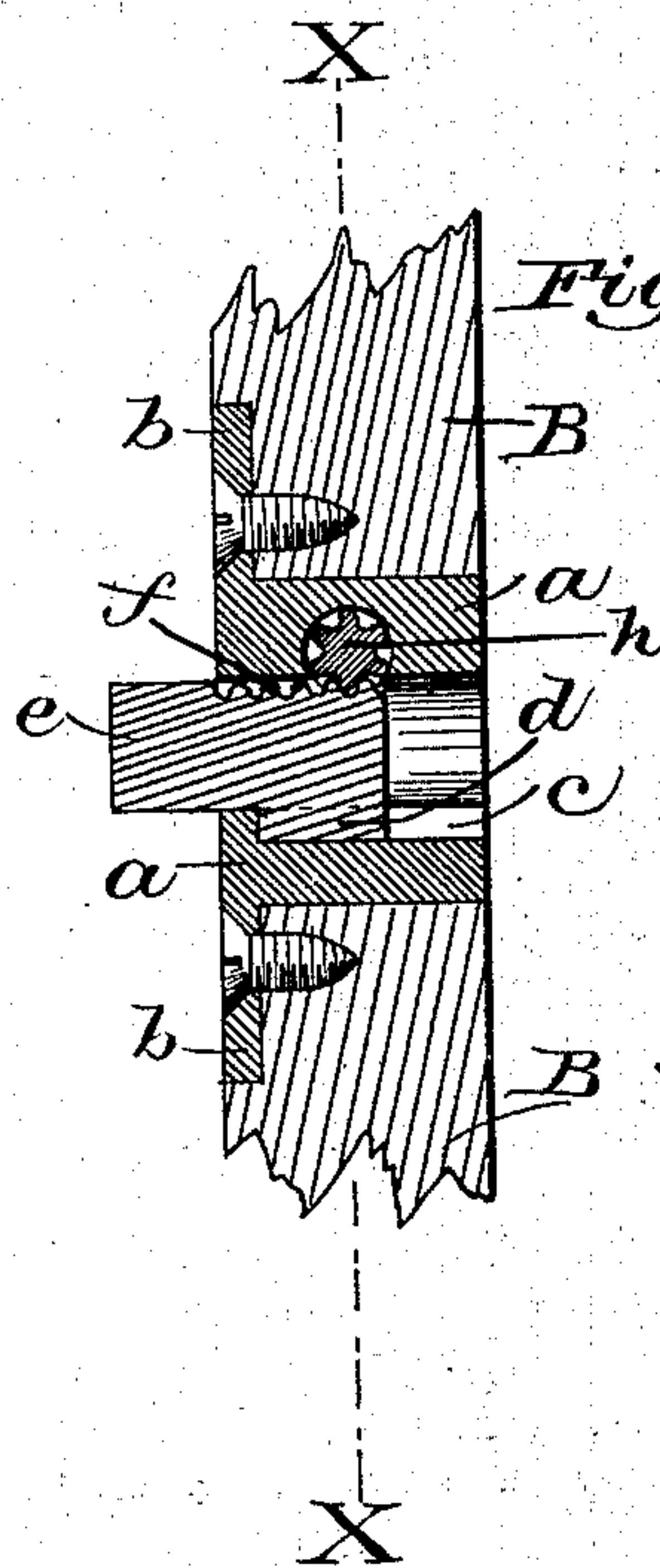


Fig. 3.



Witnesses:

Eugene Humphrey
Amfield S. Thomas

Inventor

Charles W. Littlefield
per Porter & Hutchinson

Atty.

UNITED STATES PATENT OFFICE.

CHARLES W. LITTLEFIELD, OF AMESBURY, MASSACHUSETTS.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 325,846, dated September 8, 1885.

Application filed March 28, 1885. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. LITTLEFIELD, of Amesbury, in the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Sash-Fasteners, which will, in connection with the accompanying drawings, be hereinafter fully described, and specifically defined in the appended claim.

10 This invention has for its object the production of an inexpensive, positive moving, and reliable fastening by which window-sashes may be locked and secured in position when either opened or closed, as will, in connection with the accompanying drawings, be hereinafter fully described, and particularly claimed.

20 In said drawings, Figure 1 is a sectional plan view showing my invention as in position for use, the section being taken as on line W W, Fig. 2. Fig. 2 is a sectional elevation of the fastener, the section being taken as on line X X, Fig. 3. Fig. 3 is a vertical longitudinal section thereof.

25 In said views, A represents the sill of the window-frame, shown in plan. B is the jamb; C, the casing; D, the lower rail of the sash; E, the side bar or stile of the sash; F, the parting-bead, and G the box-casing, all which are shown for purpose of illustration only.

35 The fastener is formed with a cylindrical body, *a*, having perforated ears *b*, by which it is secured in place by screws inserted therein, as shown in Fig. 3. At one side of the passage through body *a*, in which bolt *e* is seated,

is formed a groove or channel, *c*, in which slides the feather or key *d*, which is formed upon and secures the bolt from rotation.

Upon the top of the bolt are formed the rack-like teeth *f*, which are engaged by pinion *h*, formed or secured upon rod *g*, whose journal-like end *i* fits a bearing in body *a*, while its outer end is supported in plate *k*, secured in casing C. A knob, *j*, removably secured to rod *g*, serves as the means of rotating it, and thereby lineally actuating bolt *e* through the engagement therewith of pinion *h*.

A series of seats, *l*, are formed in stile E, into which bolt *c* is moved to lock the sash when it is moved to the desired position.

I am aware of United States Patents numbered, respectively, 61,185 and 189,438, and I claim nothing that is shown, described, or claimed therein; nor do I claim any sash or door fastener antedating my invention; but, on the other hand, I disclaim all such.

I claim as my invention—

In a sash-fastener, the combination of bolt *e*, its rack *f*, and feather *d*, the pinion *h*, its journal *i*, and rod *g*, and cylindrical case *a*, its securing-ears *b*, an axial passage with a slot at one side to receive cylindrical bolt *e* and its feather *d*, a transverse passage for pinion *h*, and a diminished continuance thereof for journal *i*, all substantially as specified.

CHARLES W. LITTLEFIELD.

Witnesses:

GEORGE H. BRIGGS,
FRANK P. TODD.