

(No Model.)

J. F. PARKER.
WINDOW.

No. 555,261.

Patented Feb. 25, 1896.

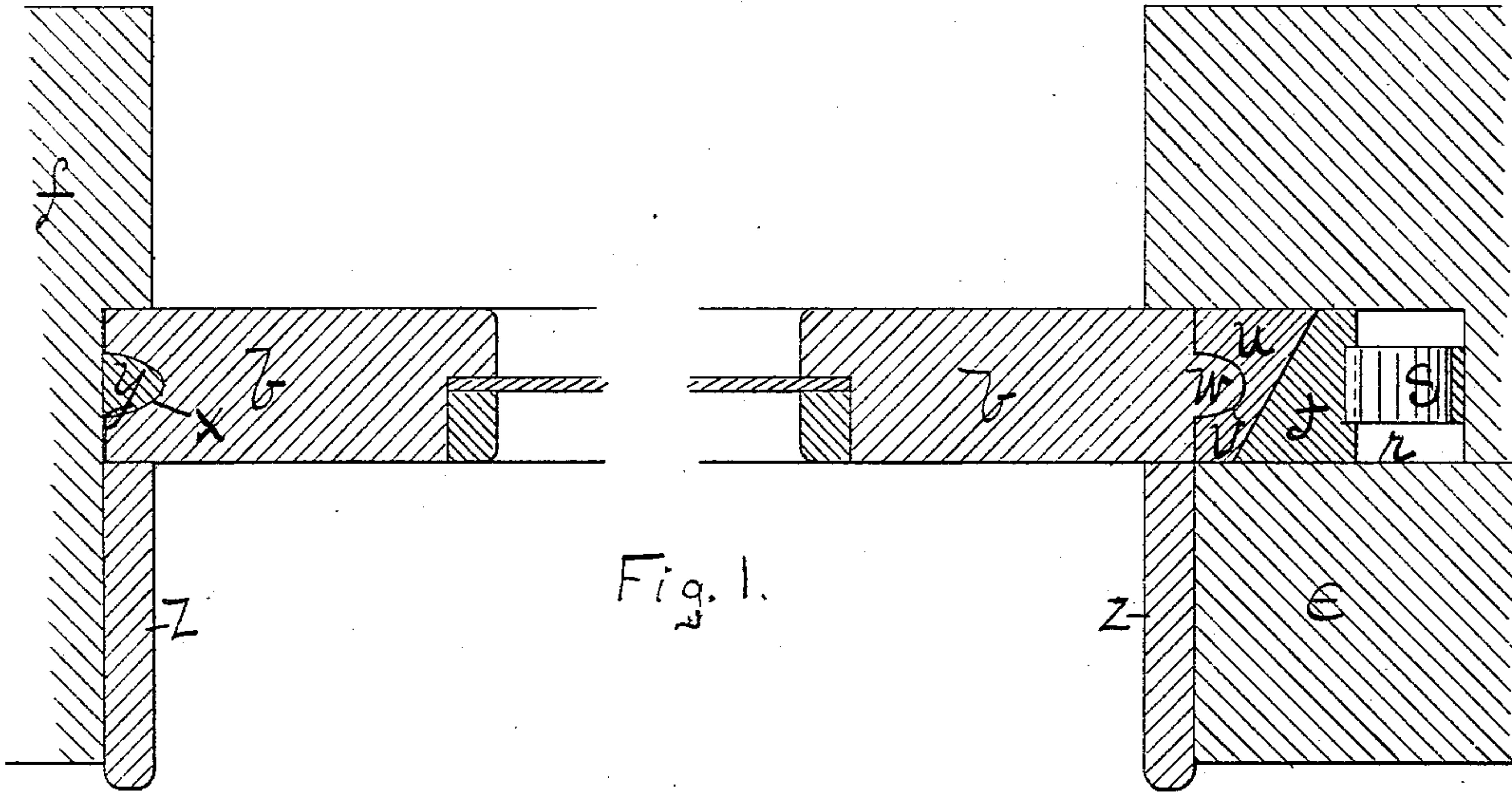


Fig. 1.

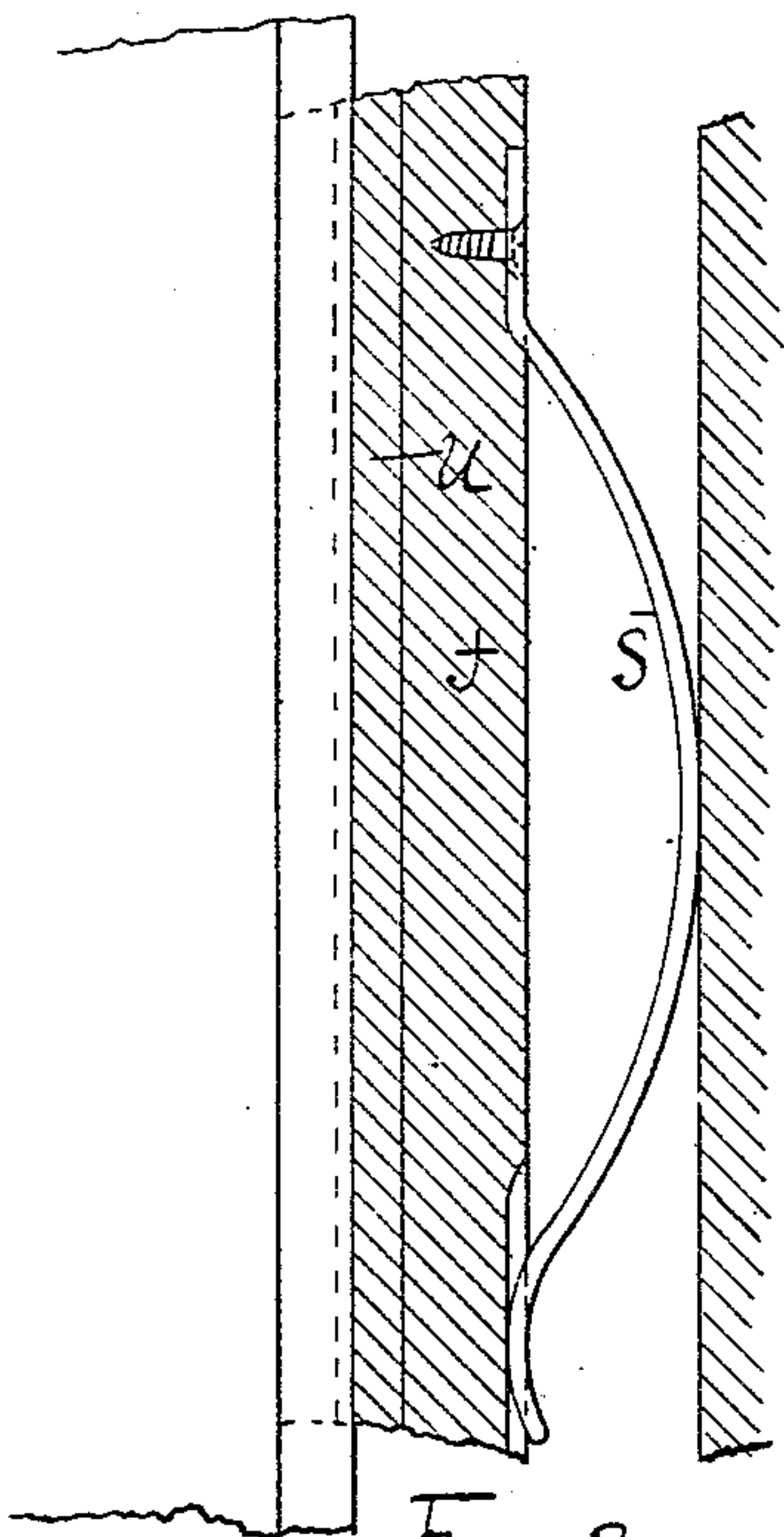


Fig. 3.

Witnesses:-

Levi Turner
Charles F. Libb

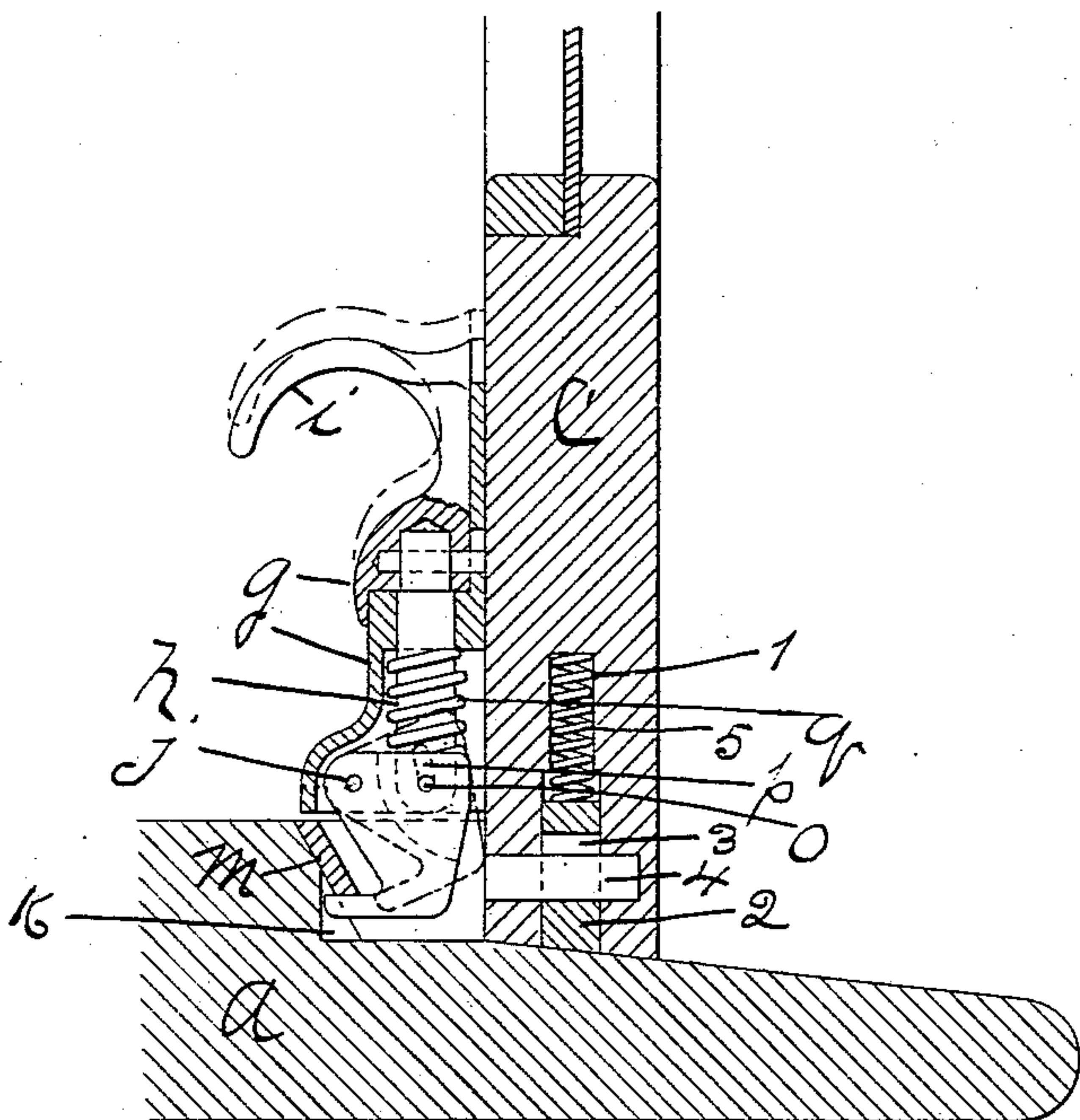


Fig. 2.

Inventor:
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UNITED STATES PATENT OFFICE.

JOHN F. PARKER, OF PORTLAND, MAINE.

WINDOW.

SPECIFICATION forming part of Letters Patent No. 555,261, dated February 25, 1896.

Application filed February 18, 1895. Serial No. 538,838. (No model.)

To all whom it may concern:

Be it known that I, JOHN F. PARKER, a citizen of the United States of America, residing at Portland, in the county of Cumberland and State of Maine, have invented certain new and useful Improvements in Windows; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in windows, and more particularly to means for preventing wind and dust from entering at the sides and bottom, and for preventing rattling of the window in the casing.

In the drawings herewith accompanying and forming a part of this application, Figure 1 is a cross-section of a sash and casing, showing the divided bead. Fig. 2 is a vertical sectional view passing through the cross-bar, the sash, the lock, and the sill; and Fig. 3 is a vertical sectional detail view of the divided bead and spring.

Same letters and figures refer to like parts.

In said drawings, *a* represents the window-sill; *b*, the sides of the sash; *c*, the bottom cross-bar; *e*, one side of the casing, and *f* the other.

Attached to the bottom cross-bar of the sash is a case *g*, in which is mounted a plunger *h*, having a finger-bar *i*, by which it can be operated. Pivotally mounted near the bottom of said case is a latch *j* adapted to enter a recess *k* in the window-sill. Said latch is pivotally attached at one edge to said plunger and at the other to the case, so that when the sash is down and the lock is pressed downwardly by the plunger said latch is thrown forward under a keeper *m* firmly set in said recess. As shown in the drawings, the plunger enters a slot or recess in the latch and a pivot-pin *o* passes through the sides of the latch and through a curved slot *p* in the plunger. This method of connecting the plunger and latch is not essential, and any equivalent mechanism may be used. A spring *q* mounted in the case tends to force the plunger and latch downwardly.

In the window-casing on one side is a recess *r*, and in said recess is set one or more springs *s*, and resting on said spring is the jamb against which the edge of the sash abuts. This jamb is made in two sections, the adjacent faces of which are inclined to the side of the sash, one section, *t*, resting upon said springs, and the other section, *u*, having a groove *v* therein to receive a bead *w* on the edge of the sash. The opposite edge of the sash has a groove *x* adapted to receive a bead *y* attached to the jamb. The grooves and beads projecting thereinto serve to prevent the passage of dust and wind therethrough, and being reversed do not interfere with the removal of the sash when side springs are compressed. The sash may be held in position in the usual manner by the facing-strips *z*.

The spring-controlled jamb makes a close joint between it and the edge of the sash, while the diagonally-divided jamb, the two sections sliding on each other, makes a close joint between it and both sides of the walls, the springs holding the window at any desired elevation and preventing the entrance of dust and all rattling.

In the bottom of the sash is a recess *1*, in which is a bead-strip *2* having slots *3* therein, through which pass holding-pins *4* and back of which are springs *5*, which tend constantly to force the bead-strip downward. Thus when the sash is lowered the bead will always make a close joint on the sill. The slots *3* in the bead-strip being wider than the pins allow some play to the bead-strip.

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

1. In a window the combination with a window sash and frame having a vertical recess therein, of a movable jamb adapted to fit into said recess, a spring interposed between the bottom of said recess and said jamb, said spring tending constantly to force said jamb against the edge of the sash, a groove in the face of the spring-controlled jamb, a bead on the adjacent edge of the sash adapted to project into said groove, a groove in the opposite edge of the sash and a bead in the jamb ad-

jaacent thereto and adapted to project into
said last-named groove, substantially as and
for the purposes set forth.

5 2. In a window, the combination with a win-
dow sash and frame having a recess therein,
of a jamb made in two sections divided on a
diagonal line and springs interposed between
the bottom of said recess and said jamb, sub-
stantially as and for the purposes set forth.

In testimony whereof I affix my signature to
in presence of two witnesses this 5th day of
February, 1895.

JOHN F. PARKER.

Witnesses:

ELGIN C. VERRILL,
NATHAN CLIFFORD.