

No. 812,136.

PATENTED FEB. 6, 1906.

A. A. JONES.
SASH HOLDER.

APPLICATION FILED MAY 18, 1905.

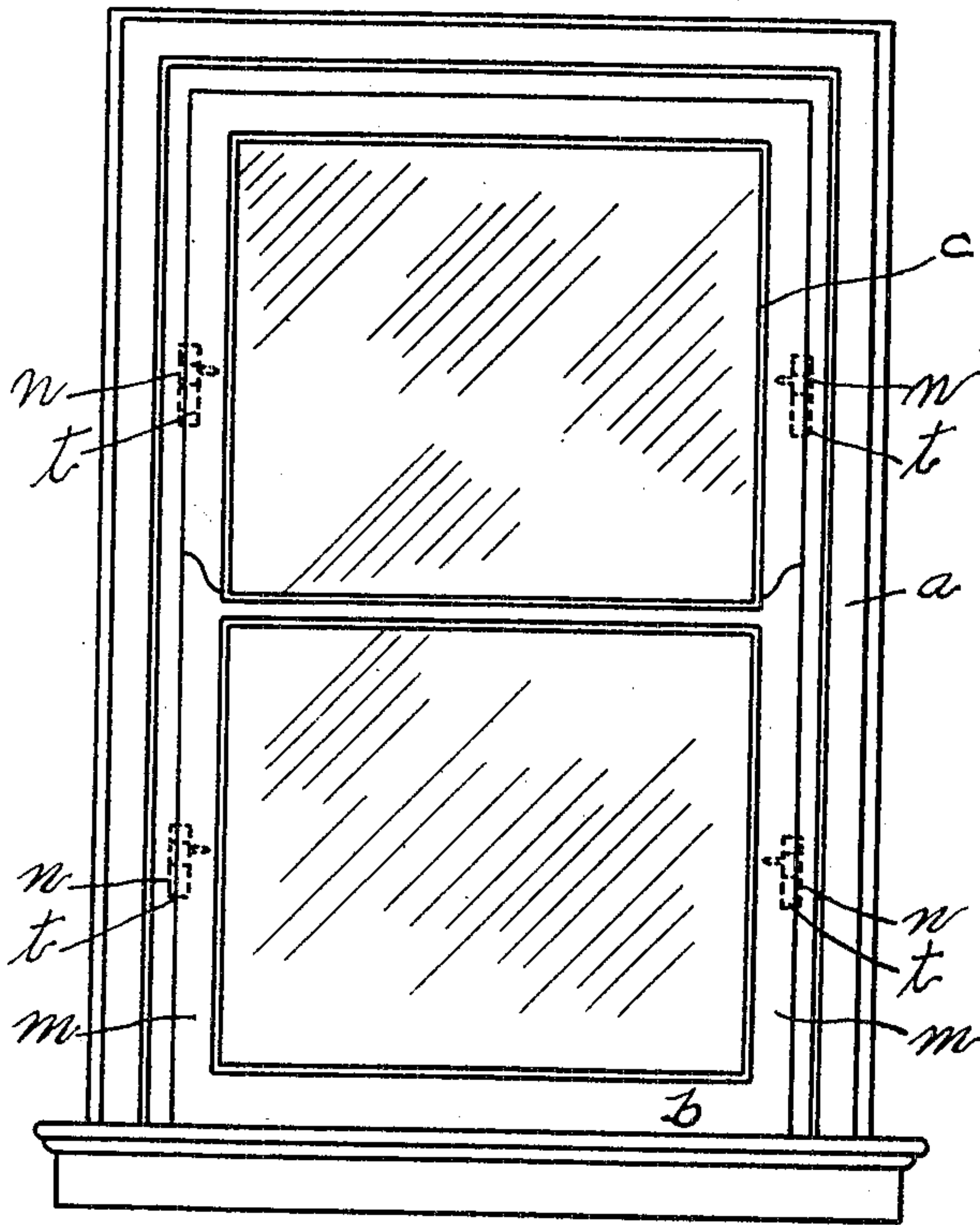


Fig. 1

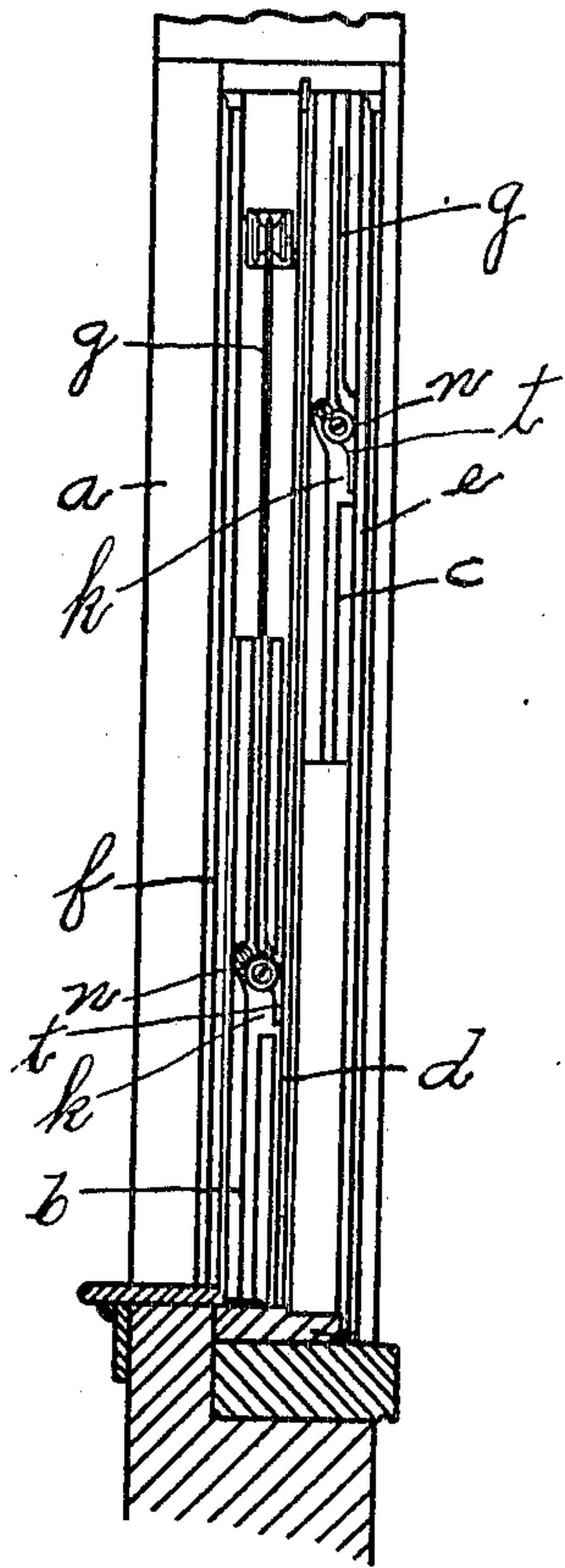


Fig. 2.

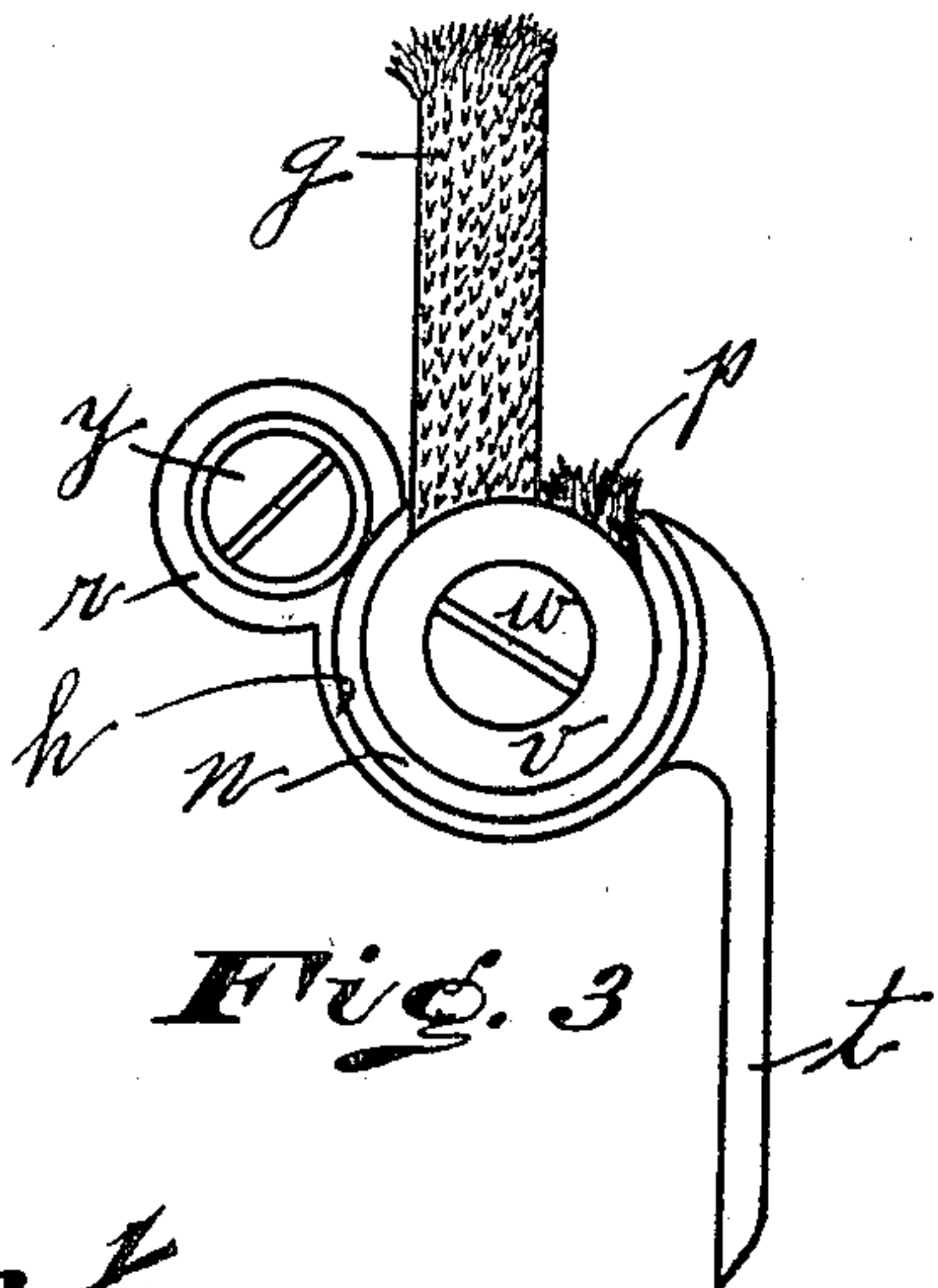


Fig. 3

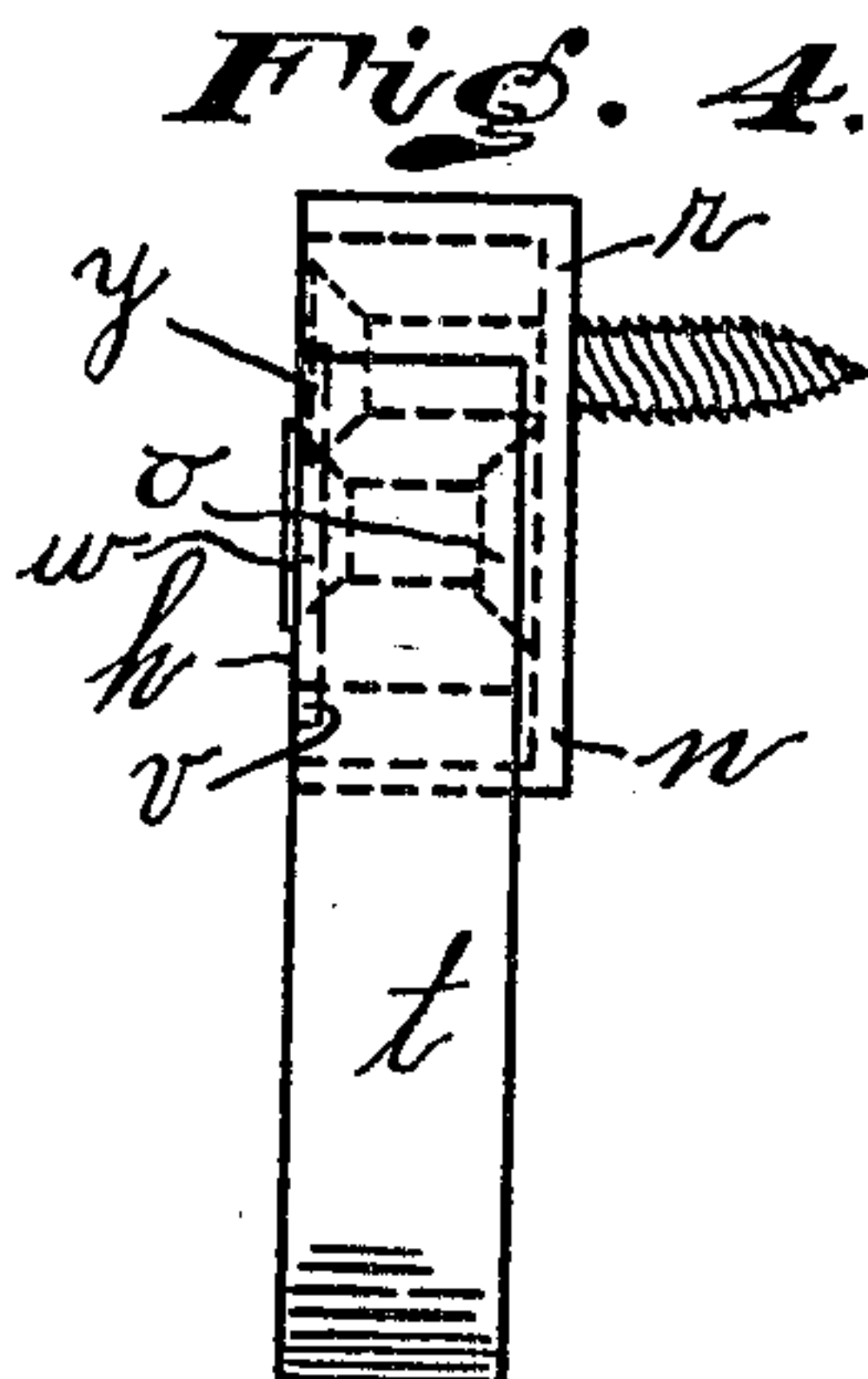


Fig. 4.

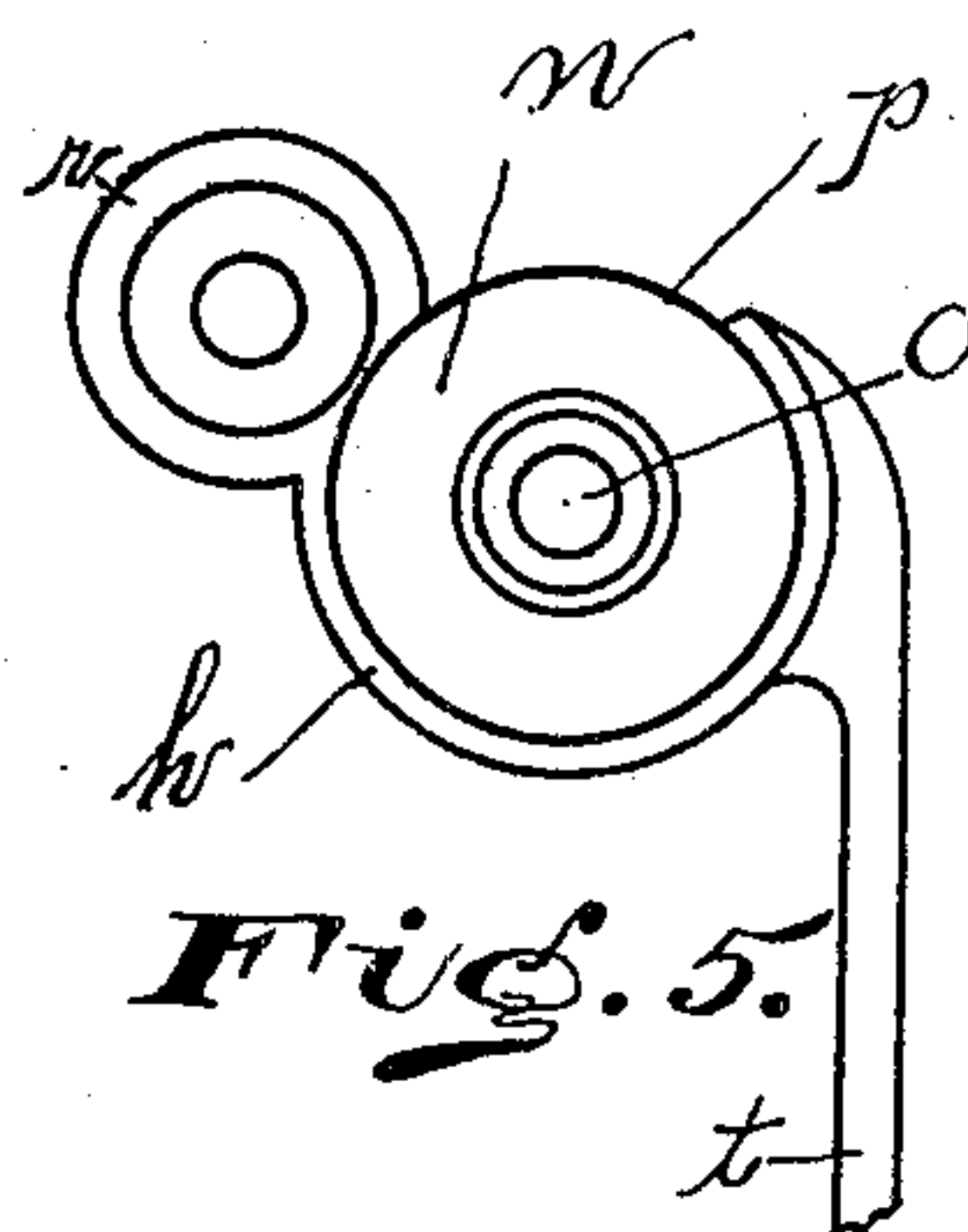


Fig. 5.

Witnesses.
John J. Mulvaney
W. H. Law.

Inventor:
Andrew A. Jones
by John J. Mulvaney
Attorney.

UNITED STATES PATENT OFFICE.

ANDREW A. JONES, OF CINCINNATI, OHIO.

SASH-HOLDER.

No. 812,136.

Specification of Letters Patent.

Patented Feb. 6, 1906.

Application filed May 18, 1905. Serial No. 261,084.

To all whom it may concern:

Be it known that I, ANDREW A. JONES, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Sash-Holders, of which the following is a specification.

The object of my invention is to produce a cheap, simple, and efficient device for tightening window-sashes in the window-frame, so that a tight joint is made between the sash and the strip against which it works in the window frame or box, thus preventing the inflow of too much air, soot, dirt, or the like and preventing the window from rattling. Consequently it may be called an "antirattler for windows."

A great deal of inconvenience and trouble has been experienced in making a window-sash fit properly in its box or frame so that it will not rattle, and often a large crack or space is left between the sash edge and the parting-strip or outside strip of the window box or frame, allowing cold air to enter, soot, dirt, and the like also passing through the space between the sash edge and the strips of the window-boxing. I overcome all these objections and produce a tight-fitting anti-rattling-sash. Its advantages will be apparent from the following description and claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a view in elevation of a window-box and its parts with my invention in place. Fig. 2 is a longitudinal section of the parts shown in Fig. 1 to illustrate construction. Fig. 3 is a side view of the device, the sash-cord being shown partly broken away. Fig. 4 is an end view of the device. Fig. 5 is a side view of the device, as shown in Fig. 3, parts being removed to show construction.

In the drawings, *a* represents a window frame or box, *b* the lower sash or window, and *c* the upper sash or window. The parting-strip is represented by the letter *d*, the outer strip is designated *e*, and the inner bead *f*. The sash-cord is lettered *g*. Of course this cord *g* carries at its end the usual sash-weight.

My invention consists in placing a dog *h* in a cut-away part *k* in the side *m* of the window-sash. This dog *h* is formed of a hollow head *n*, having at its bottom a boss *o* and a cut-away part *p*, and at its upper end, to-

ward the side, cast integral with said hollow head *n*, is an elongated eye *r*, and from the side of the head *n*, almost opposite the eye *r*, extends downward a foot, finger, or extension *t*. The sash-cord *g* is pressed around the boss *o*, (entering into the hollow head through opening *p*,) a collar or slotted plate *v* fitting over said rope in the hollow head and held in place by a screw *w*. By means of a screw *y*, passing through eye *r*, the dog is held in place in the cut-away part *k* in the window-sash. This screw is so formed in connection with eye *r* that a pivotal connection is formed, so that the dog moves up and down or swings or tilts on said screw *y*. The foot *t* of the dog *h* is long and thin, ending in a point, being peculiarly shaped, so that the recess or cut-away part *k* may be as slight as possible, also insuring quick and accurate impingement against the strip of the window-frame.

The device operates as follows, to wit: As soon as the window is lifted or forced up, the sash-weight pulling the sash-cord taut, the dog is tilted upward and outward on the pivot-screw *y*, forcing the face of the foot *t* to impinge against the parting-strip or outer strip of the window-frame, (as the case may be, owing to which window is raised.) This impingement forces the sash on its opposite side to tightly hug the frame-strip on the said opposite side, thus forming a close, tight, and serviceable connection, not so close that the window will not readily yield and move up and down, but close enough to keep the window from rattling and keep out air, soot, dirt, and the like. The same can be said when the window is being moved downward. This foot on the dog will act the same and force the sash over against the strip to make the proper abutment.

The dog may be made of any desired shape or contour, of any material, held in position in any desired manner, and be forced to impinge against the strips by any desired means.

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

1. In a window-sash tightener, a dog, adapted to be pivoted in the side strip of the window-sash, a hollow head on said dog, a foot extending from said dog, a sash-cord extending into said hollow head, means for holding said sash-cord in place in said hollow head, in combination with a sash-weight for

tilting said dog to impinge against the parting-strip of the window-frame, as and for the purposes set forth.

2. In a window-sash tightener, a dog,
5 adapted to be pivoted in side strip of the window-sash, a hollow head on said dog, a foot, extending from said dog, a sash-cord extending into said hollow head, a plate covering
10 said hollow head and screwed in place, in combination with a sash-weight for tilting said

dog to impinge against the parting-strip of the window-frame, as and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ANDREW A. JONES.

Witnesses:

GEO. E. HEISEL,

GEORGE H. RICKE.