

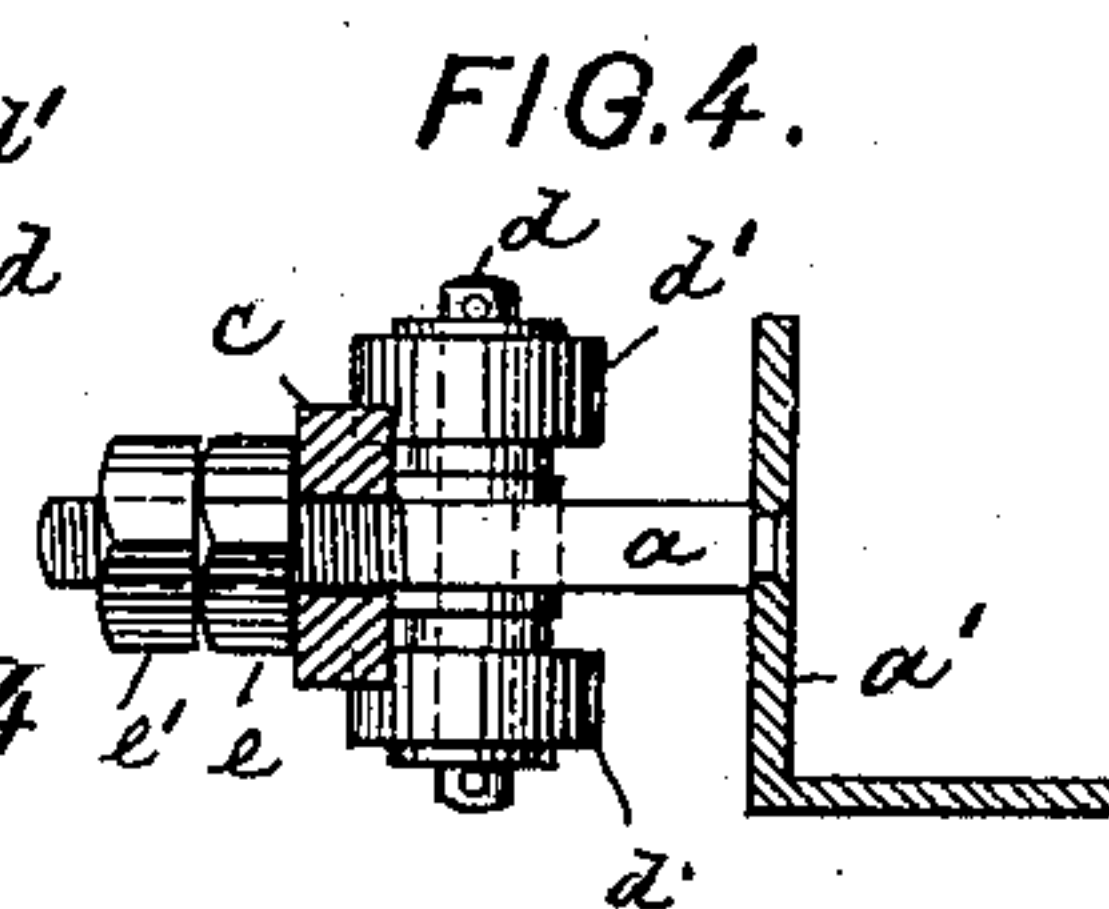
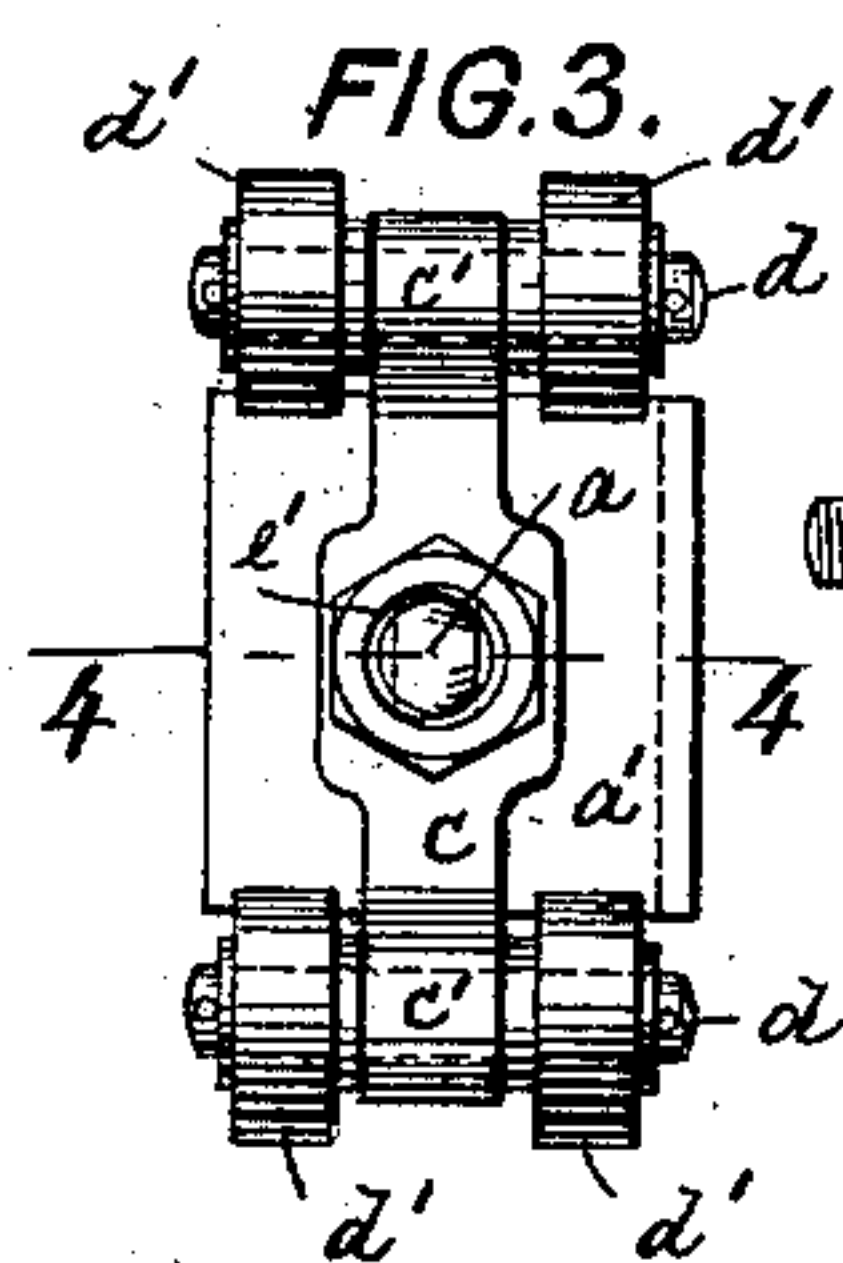
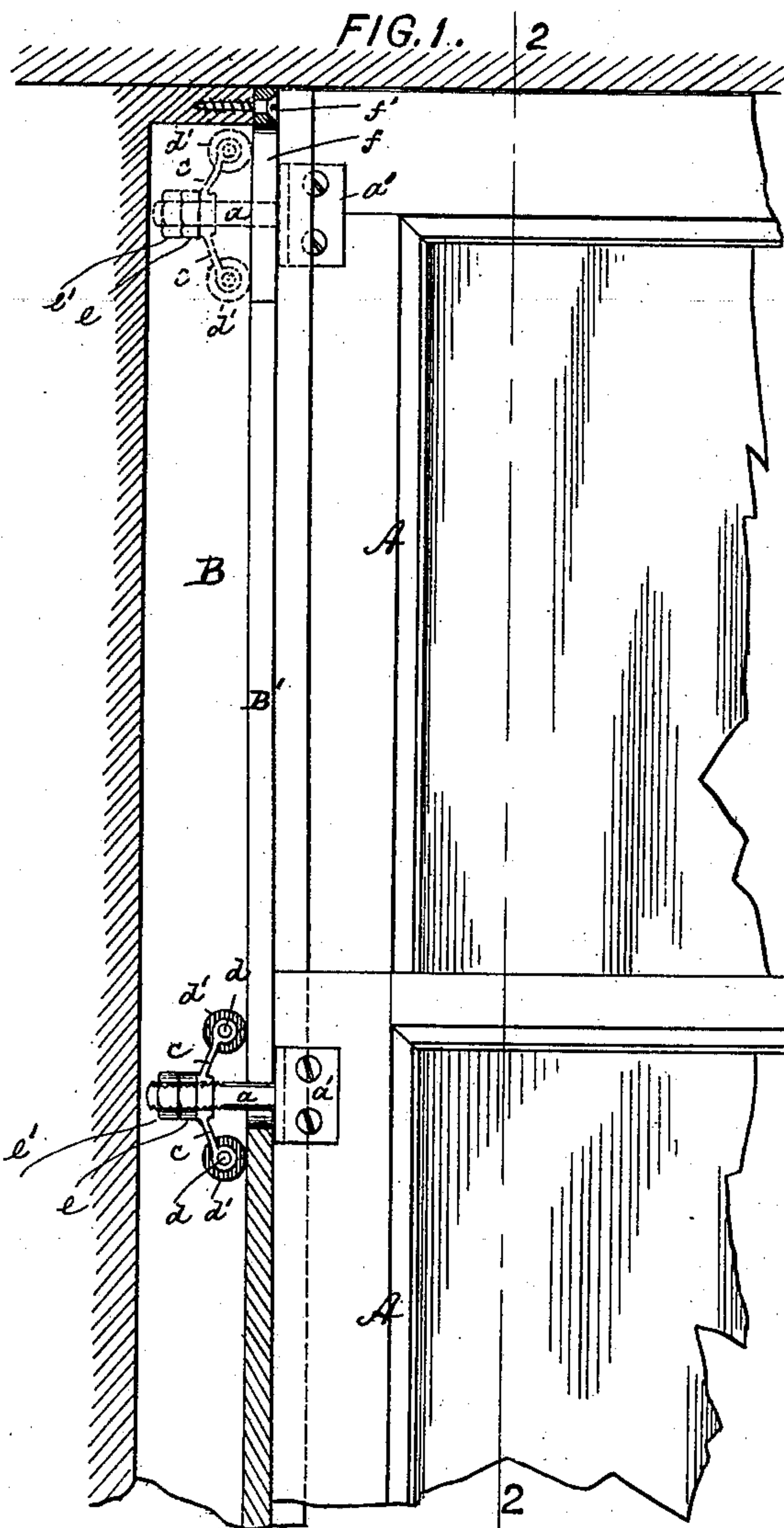
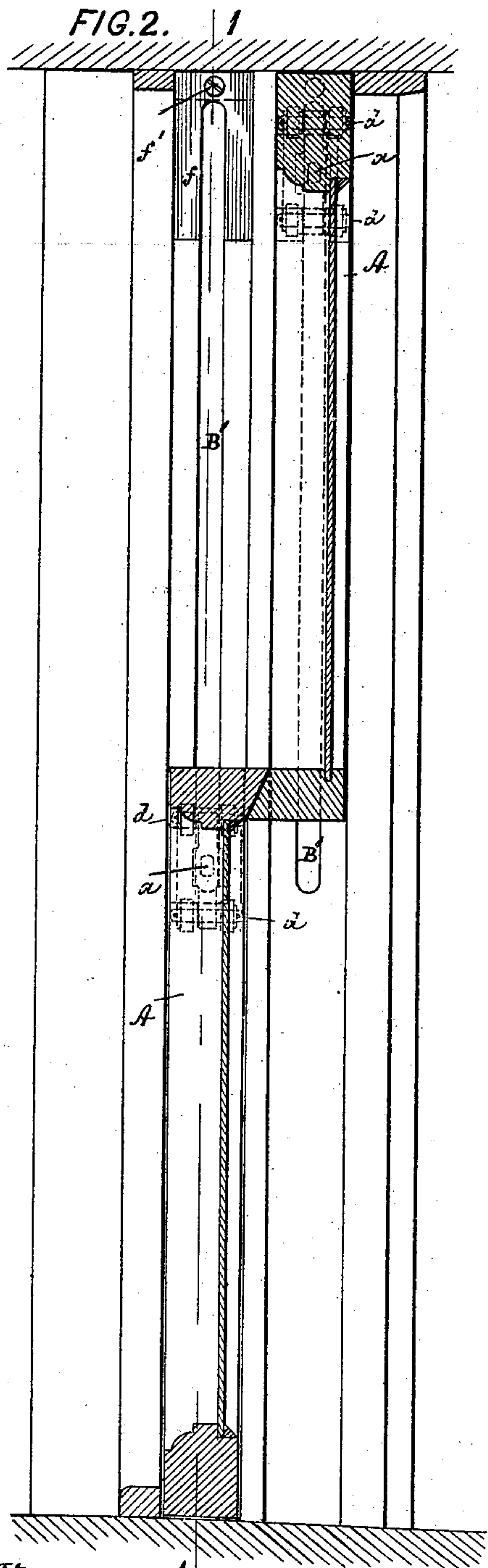
No. 624,243.

Patented May 2, 1899.

H. PRACHT.
SASH HOLDER.

(Application filed Feb. 17, 1899.)

(No Model.)



Witnesses: 1
John Becker.
William Miller

Inventor:
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UNITED STATES PATENT OFFICE.

HENRY PRACHT, OF NEW YORK, N. Y.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 624,243, dated May 2, 1899.

Application filed February 17, 1899. Serial No. 705,887. (No model.)

To all whom it may concern:

Be it known that I, HENRY PRACHT, a citizen of the United States, and a resident of New York city, county and State of New York, have invented new and useful Improvements in Sash-Holders, of which the following is a specification.

This invention relates to a sash-holder of novel construction which securely sustains the sash in position, insures free running, and permits the pressure of the sustaining-rollers to be regulated.

In the accompanying drawings, Figure 1 is a vertical longitudinal section of a part of a window embodying my invention on line 1 1, Fig. 2; Fig. 2, a vertical transverse section on line 2 2, Fig. 1; Fig. 3, a side view, on an enlarged scale, of the sash-holder; and Fig. 4, a section on line 4 4, Fig. 3.

The letters A A represent the two sashes, adapted to slide within the cased sash-frame B, as usual. The frame is slotted at the sash-slides, as at B', for the admission of screw-bolts *a*, projecting laterally from the sashes into the boxes of the frames. The bolts *a* are connected to the sashes preferably by angle-plates *a'*, sunk into the sashes and attached to them by means of screws, as shown. The outer threaded end of each bolt *a* is embraced by a centrally-perforated spring-plate *c*, which is bent or curved inward from its center toward its ends.

At each of its ends the spring *c* is curled into an eye *c'* to constitute the bearing for a short transverse axle *d*, carrying the two rubber rollers or wheels *d'*, that travel along the sash-casing. A nut *e*, supplemented by a

jam-nut *e'*, engages the outer end of the bolt *a* and bears against the center of the spring *c*. Thus by loosening or tightening the nuts the pressure of the rollers *d'* against the casing may be regulated to regulate the frictional support of the sashes, as will be readily understood.

To gain access to the regulating-nuts, I make the upper end of each sash-slide removable by forming it of a separate piece *f*, that is attached to the casing by a screw *f'*. If at any time the tension of the spring is to be changed, the piece *f* is taken out and the nuts tightened or slackened by a suitable tool.

What I claim is—

1. A slotted sash-frame, a bolt projecting laterally from the sash into the frame-box, a spring mounted upon the bolt, axles carried by the spring, and rollers mounted upon the axle, substantially as specified.

2. A slotted sash-frame, bolts projecting laterally from the sashes into the frame-boxes, a nut and a perforated spring mounted upon the bolts, axles carried by the spring, and rollers mounted upon the axles, substantially as specified.

3. A slotted sash-frame, angle-plates connected to the sashes, bolts projecting laterally therefrom into the frame-boxes, a nut and a perforated bent spring mounted upon the bolts, axles carried by the spring, and rollers mounted upon the axles, substantially as specified.

HENRY PRACHT.

Witnesses:

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