

(No Model.)

C. A. KRAFFT.
SASH HOLDER.

No. 405,101.

Patented June 11, 1889.

Fig. 1.

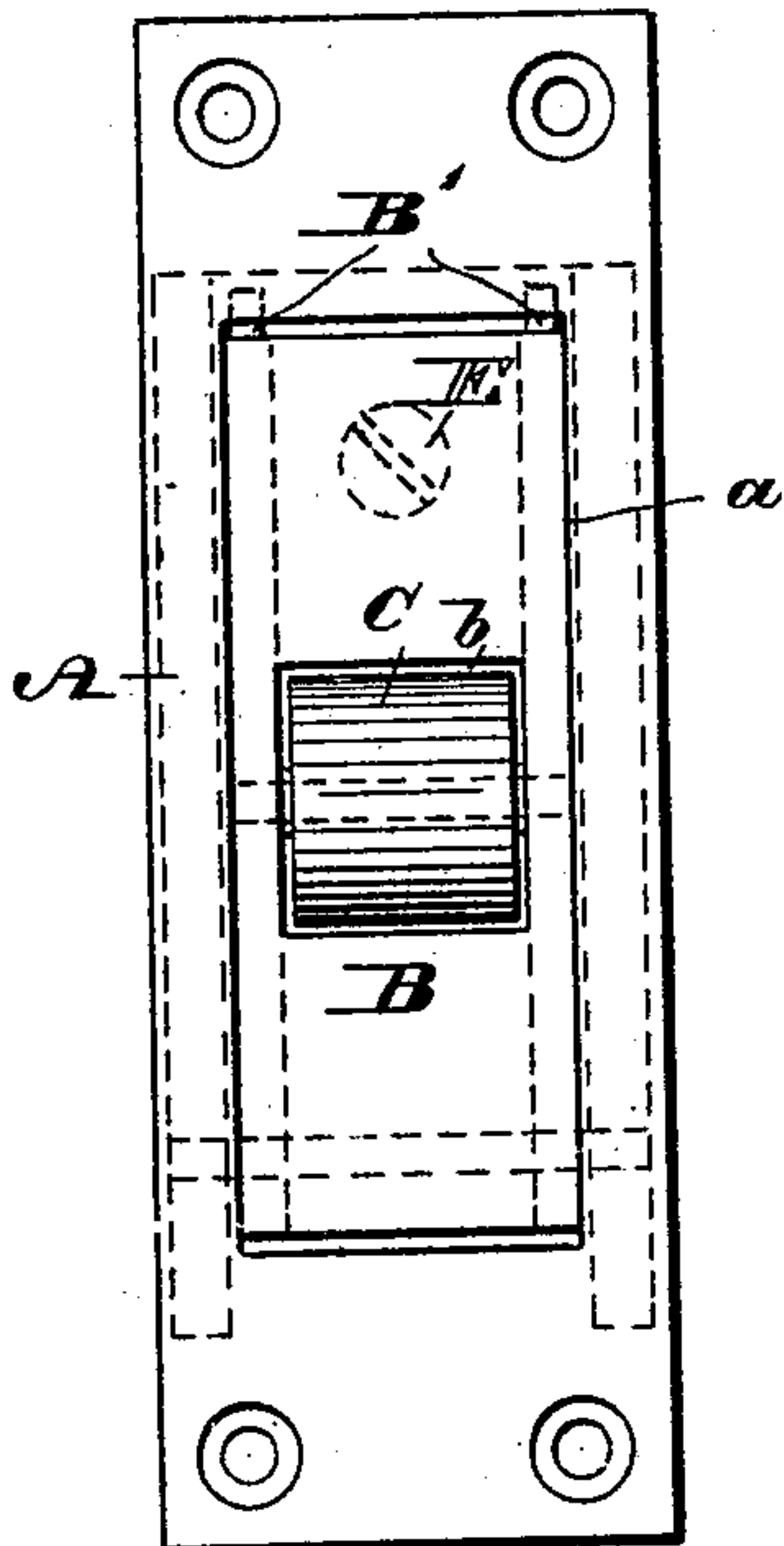


Fig. 2.

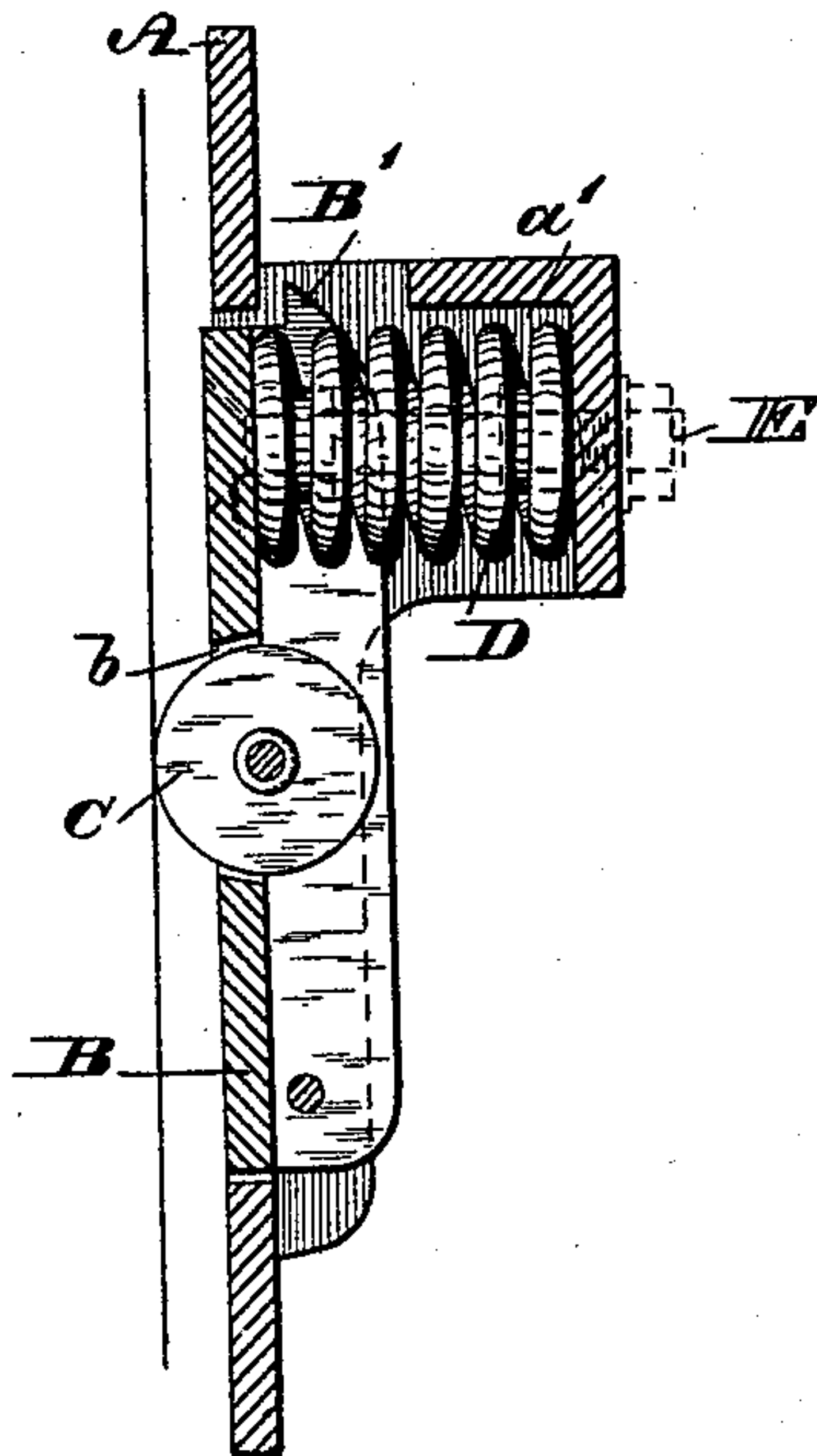
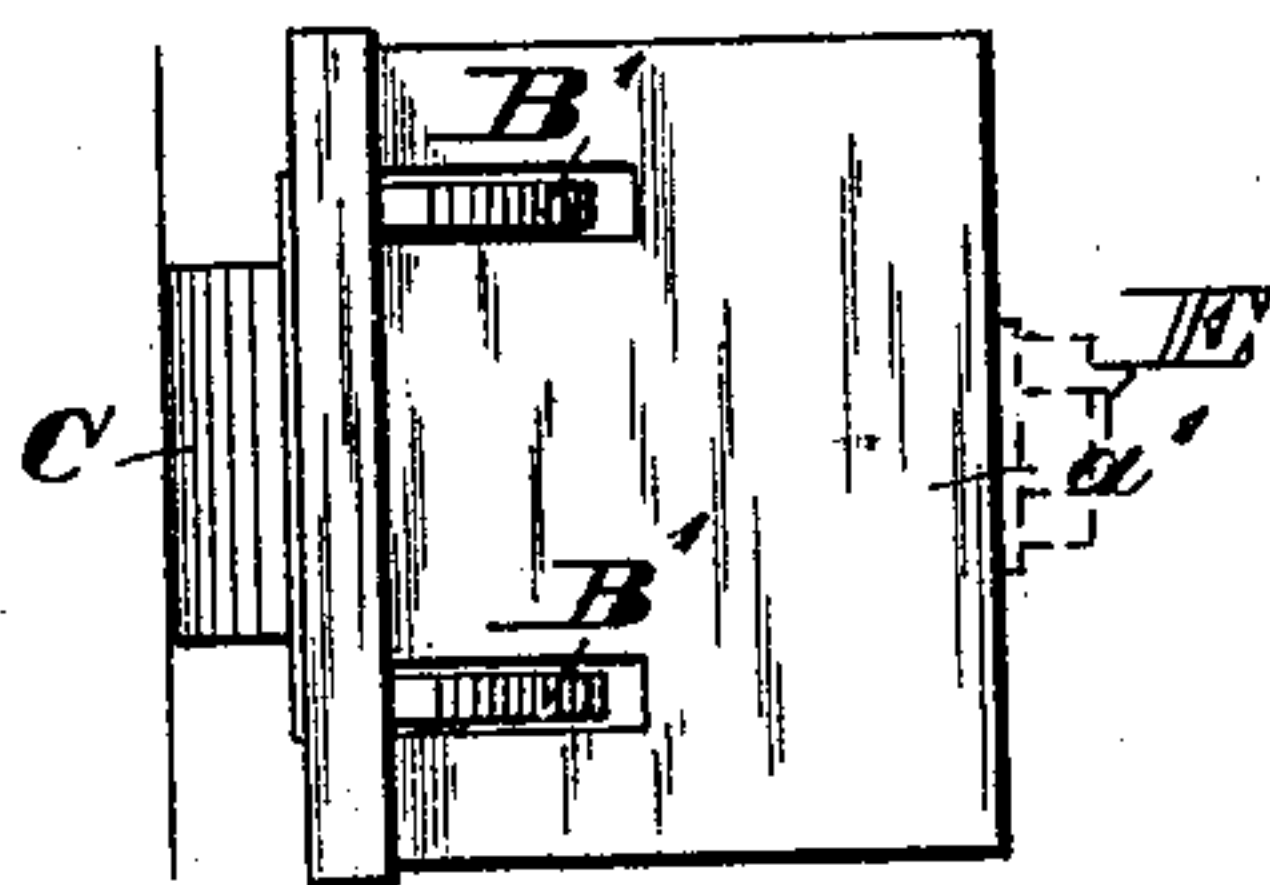


Fig. 3.



WITNESSES:

Theo. Rolfe.
A. C. Jennings.

INVENTOR:

Charles A. Krafft
BY Frederick H. Fisher
ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES A. KRAFFT, OF PHILADELPHIA, PENNSYLVANIA.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 405,101, dated June 11, 1889.

Application filed June 14, 1888. Serial No. 277,079. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. KRAFFT, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Sash-Holders, which improvement is fully set forth in the following specification and accompanying drawings.

My invention relates to improvements in sash-holders; and the object of the invention is to provide a device of simple, durable, and inexpensive construction, which will be thoroughly efficient for the purpose intended.

With these objects in view the invention consists in the novel details of construction, combination, and adaptation of parts comprising the device, as hereinafter shown, described, and claimed.

Figure 1 represents a face view of a sash-holder embodying my invention. Fig. 2 represents a vertical section thereof. Fig. 3 represents a top view thereof.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates the face-plate, provided with the oblong slot or opening *a* and the case or box *a'*.

B designates a plate pivoted at one end to the face-plate and provided at the other end with lips B', which form stops, and serve to limit the outward movement of the said pivoted plate.

C designates a friction-roller journaled in an opening *b* of the plate B.

D designates a spring arranged in the case or box *a'*, and exerting its tension against the rear face of the pivoted plate B.

From this construction it will be noticed that the pivoted plate is spring-actuated, causing the friction-roller to bind or impinge against the sash, and thus retain the same; also, that while the binding action of the roller is sufficient to retain the sash at any point it will allow of the sash being raised and lowered with ease. It will also be seen that the lips B' bear against the rear of the face-plate,

and serve to limit the outward movement of the plate B. It will also be observed that by providing the box *a'* on the rear of the face-plate the spring D is inclosed, and, in connection with the plate B, prevented from displacement in any direction.

In order to adjust the tension of the spring D and the position of the roller C, I employ a screw E, whose head bears against the plate B and whose end is threaded for engagement with the back of the box *a'*, or may carry a nut which tightens against said back.

I am aware that it is not new to construct a sash-fastener having a projecting wheel adapted to press or bear against the sash and thereby hold the same in place; neither is it new to journal the said wheel in a movable spring-pressed plate, and such I do not claim; but I am not aware that it is common to construct a sash-fastener of the parts as herein set forth and claimed, the plate forming the journal-bearing for the wheel being pivotally connected at one end to the face-plate and provided at its other end with lips forming stops, the said lip end of the plate having between it and a casing a coil-spring with an adjusting-screw to regulate the tension thereof.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A sash-fastener consisting of the face-plate A, with opening *a* therein, the casing *a'*, secured to said face-plate, the plate B, having the opening *b*, and pivoted at one end to the face-plate, the wheel C, journaled in plate B, a screw with its head bearing on the outer side of plate B, and having a securing and adjusting nut thereon, and a coiled spring on said screw between the plate B and the casing, said parts being combined substantially as described.

CHAS. A. KRAFFT.

Witnesses:

JOHN A. WIEDERSHEIM,
JAMES F. KELLY.