

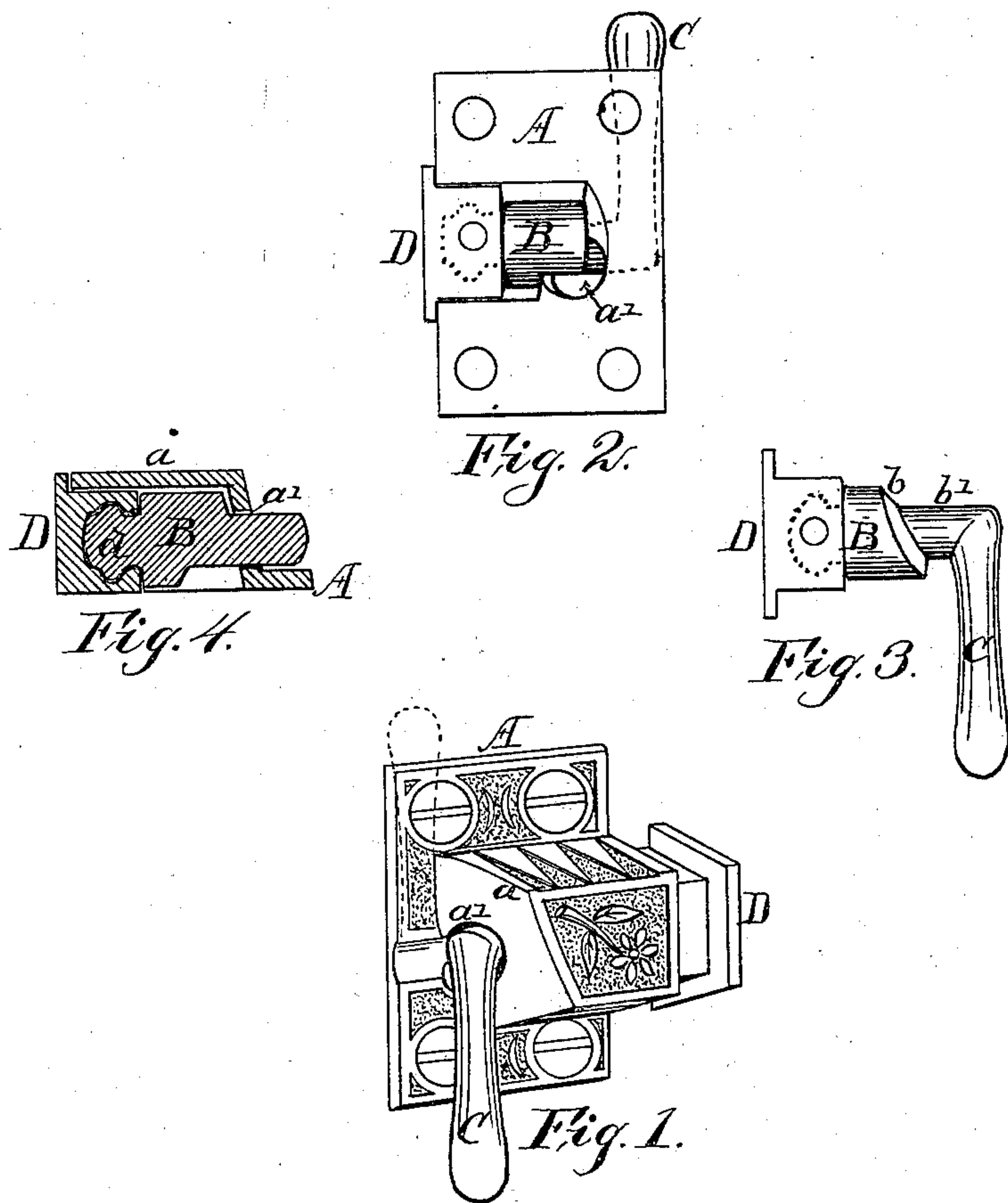
(No Model.)

F. BURMEISTER.

SASH HOLDER.

No. 310,983.

Patented Jan. 20, 1885.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

FREDERICK BURMEISTER, OF CLEVELAND, OHIO.

## SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 310,983, dated January 20, 1885.

Application filed July 24, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK BURMEISTER, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Sash-Holders, of which the following is a specification.

This invention relates to sash-holders; and it consists in the peculiar construction and operation of the parts constituting my device, as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my new sash-holder. Fig. 2 is an under side view. Fig. 3 is a detached view of the locking-bolt, showing the swivel-jointed head. Fig. 4 is a longitudinal section of the same.

This device consists of three cast-metal pieces only, of the following peculiar construction and combination.

A represents a base-plate having holes for securing it to a window-sash, and is provided with a housing, *a*, in which a turn-bolt is located. One end of said housing is made open, while the other end is closed by an inclined wall, through which there is a hole, *a'*.

B is a bolt having a spiral shoulder, *b*, terminating in a reduced portion, *b'*, forming a journal which plays in the aforesaid hole *a'*. Said bolt has a lever, C, for turning it. The bolt also has a swivel-jointed head, D, which is permanently attached. It can revolve on the

bolt, but cannot be taken off. It is constructed in the following manner: The bolt is first cast with a wrist-pin, *d*, having a bead around it. The said wrist-pin is then coated with core-sand, and the head D is cast around it. This prevents the head adhering to the pin, and allows the sand to be worked out, leaving the head loose, and may revolve thereon. The spiral shoulder *b* rotates against the inclined inside surface of the wall when the bolt is turned one way for throwing it outward, and the lever rides against the outside inclined surface of said wall when the bolt is turned back again. This draws the bolt back in again.

The purpose of this device is to hold the sash to which it is attached by the pressure of the head D against the adjacent window-frame.

Having described my invention, I claim—

The combination, with the housing A, having inclined wall provided with hole *a'*, of the bolt B, having spiral incline *b*, and reduced portion *b'*, terminating with lever C, and provided with the swivel-jointed head D, cast thereon, constructed, combined, and operating substantially as described, and for the purpose set forth.

FREDERICK BURMEISTER.

Witnesses:

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