

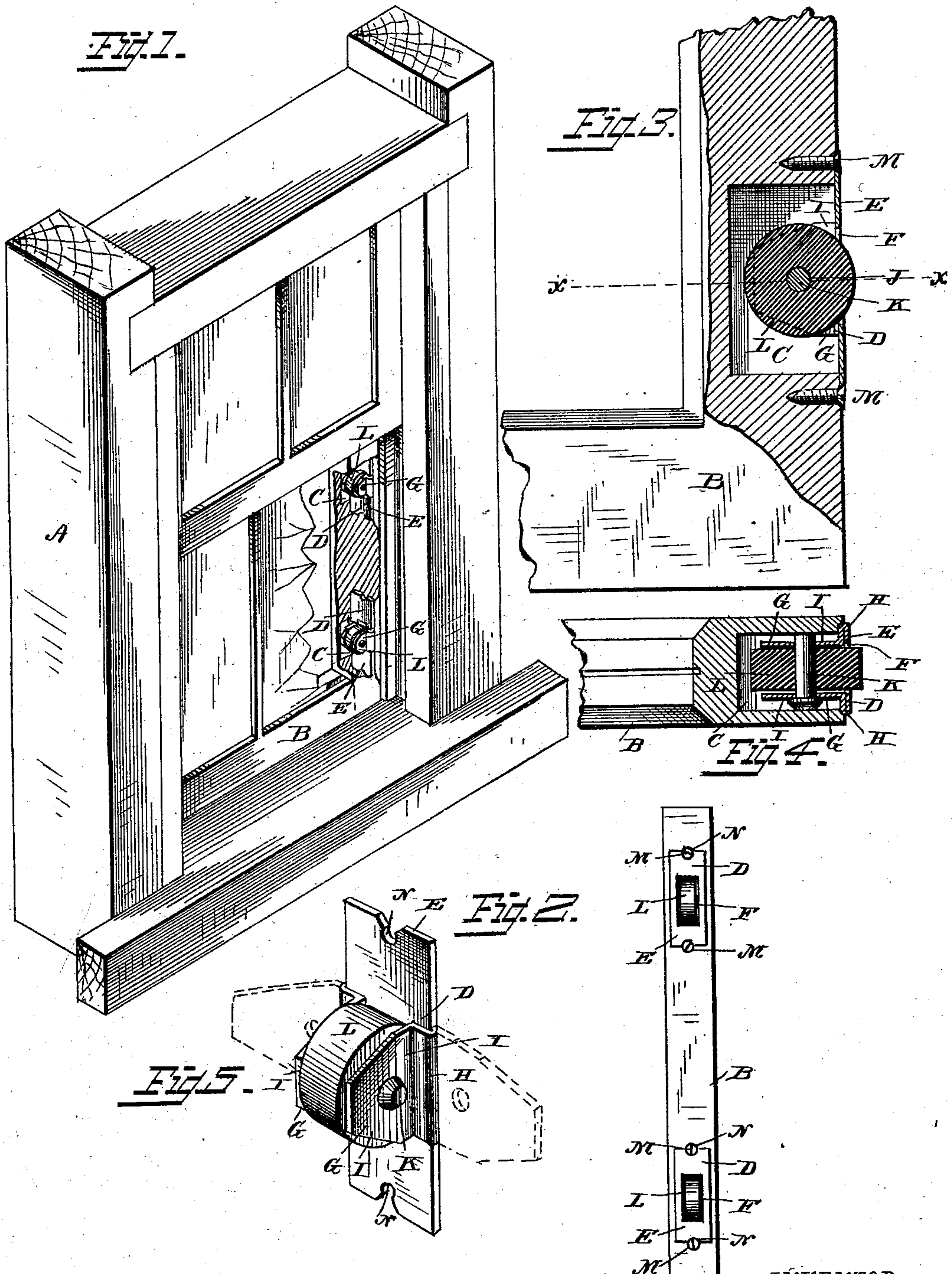
(No Model.)

J. M. BALDWIN.

SASH HOLDER.

No. 275,456.

Patented Apr. 10, 1883.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN M. BALDWIN, OF SIDNEY, NEW JERSEY.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 275,456, dated April 10, 1883.

Application filed January 25, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. BALDWIN, a citizen of the United States, residing at Sidney, in the county of Hunterdon and State of New Jersey, have invented a new and useful Sash-Holder, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to sash-holders; and it consists in certain improvements in the construction and arrangement of parts.

In the drawings, Figure 1 is a perspective view of a window frame and sash having my improvements. Fig. 2 is an edge view of that portion of the sash having the holding-rollers and their casings. Fig. 3 is a vertical sectional detail view of the sash. Fig. 4 is a horizontal sectional detail view of the same on the line *x x*, Fig. 3. Fig. 5 is a detail perspective view of the roller-casing, showing it before and after the roller is secured in position.

Referring to the drawings, A designates the window-frame, which may be of any ordinary construction; and B is the sash. The latter is adapted to slide in the former in the usual manner, and is provided in one of its edges with recesses C, as shown. In these recesses C are fitted casings D. The casings D comprise a plate, E, having an about centrally and longitudinally disposed slot or opening, F, and wings or extensions G G, projecting from the side edges of the plate opposite the slot therein. Each of these wings is bent under and against the plate E, as shown at H, as far as the side edge of the slot F, and from thence it extends straight from the main plate, as at I. These parallel straight portions I I are each provided with a perforation, J, through which a plain pin, K, is passed. On this cross-pin is journaled an elastic roller, L, that turns between the parallel portions I I and projects slightly from the surface of the plate E through the slot F therein. These casings D are placed in the recesses C in the edge of the sash, their straight portions I being received into the recess, while the main plate rests flush with the edge of the sash, with its double portion at H projecting against the edge of the sash at the sides of the recess. The portion of the casing

D carrying the roller fits neatly in the recess in the sash, so that the bearing-pin of the roller is retained in place by the sides of the said recess. The casings are secured in position by means of tacks or screws M, that are received into notches N in the end of the casings and enter the sash. These notches obviate lateral displacement of the casings. Under some circumstances the casings and rollers can be arranged on the frame instead of on the sash. This form of casing, &c., is very strong and durable, and can be readily removed from the sash when the latter is withdrawn from the window-frame, for the substitution of new rollers, or for any other purpose. When the sash is in position the rollers bear against the window-frame and retain the sash in any position to which it may have been adjusted.

I am aware that sash-holders have been heretofore formed by an elastic roller journaled between the wings or flanges of a casing that is set in recesses in the edge of the sash, this construction being shown in numerous patents.

I am also aware that it is old to make the bearings and casings above specified of a single piece of sheet-metal, and this I do not claim, my invention being limited specifically to my own novel construction, as set forth in the following claim.

I claim as my invention—

As an improved article of manufacture, the herein-described sash-holder, consisting of a casing struck up from a single plate and comprising a main securing-plate, E, having a slot or opening, F, and the wings or extensions G G, projecting from the side edges of the plate opposite the slot and bent under against the plate as far as the edges of the slot F, and from thence extending straight from the main plate F, and a removable elastic roller journaled between the straight portion of the said wings, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOHN M. BALDWIN.

Witnesses:

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