

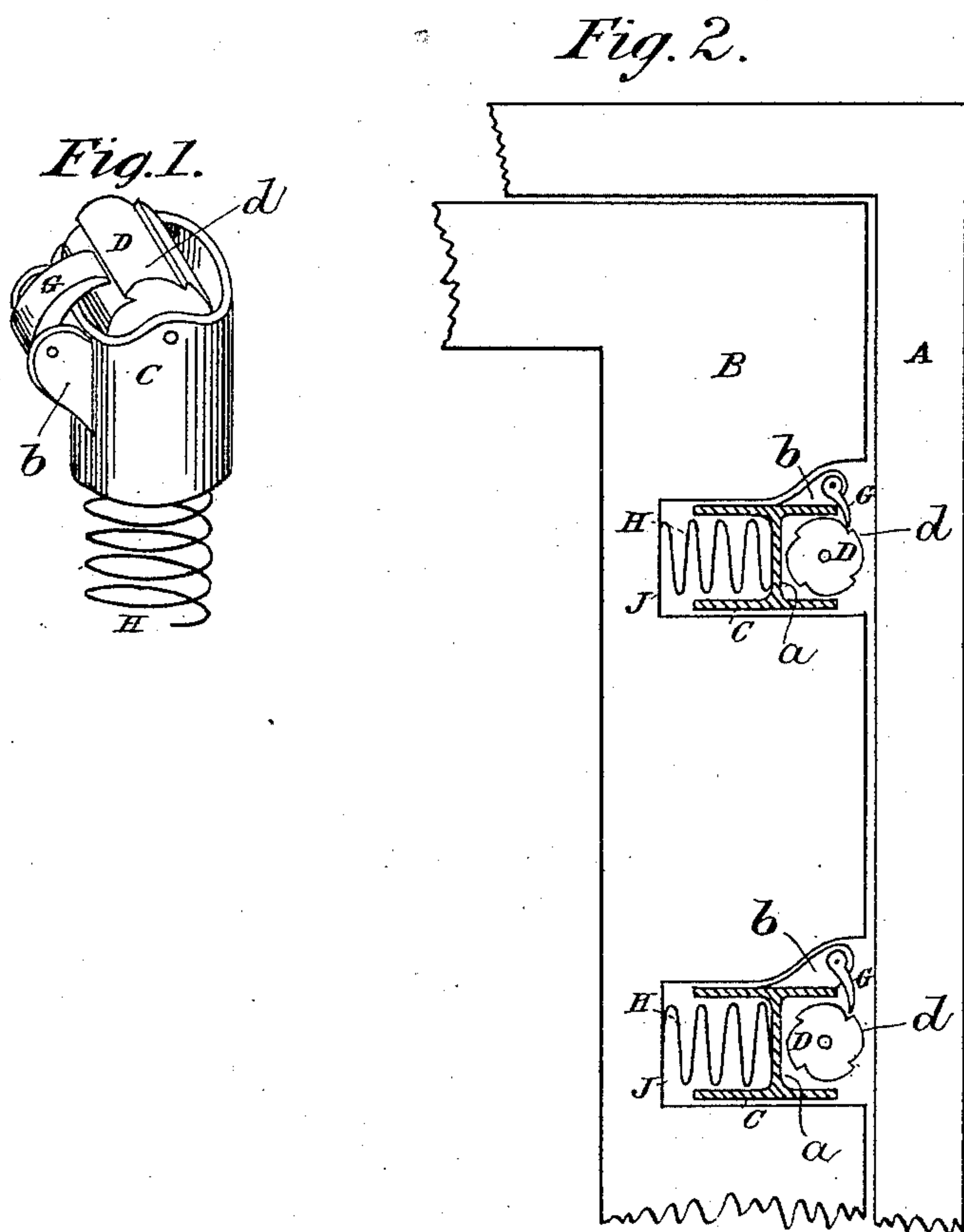
(No Model.)

M. C. TULLY.

SASH HOLDER.

No. 353,239.

Patented Nov. 23, 1886.



WITNESSES.

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MILTON C. TULLY, OF LOUISVILLE, KENTUCKY.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 353,239, dated November 23, 1886.

Application filed December 29, 1885. Serial No. 186,934. (No model.)

To all whom it may concern:

Be it known that I, MILTON C. TULLY, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented a certain new and useful Improvement in Sash-Holders; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, forming part of the specification.

My invention relates to an improvement in sash-holders; and it consists in the peculiar construction and combination of devices, that will be more fully set forth hereinafter, and particularly pointed out in the claim.

In the drawings, Figure 1 is a perspective view of the sash-holder detached. Fig. 2 is a sectional view of a window sash and frame provided with my improved form of sash-holder.

A represents the window-frame, and B represents the sash, both of which are of the usual construction. In the outer sides of the sash are made recesses J.

C represents a cylindrical case, which is hollow, and is divided near its center by a partition, *a*, thus forming a socket at each end of the case. In one of these sockets is journaled a transverse bearing-roller, D, provided on its periphery with longitudinal parallel ratchet-teeth *d*. Lugs or ears *b* project from one side of the case, and in between these lugs or ears is pivoted a pawl, G, which engages with the teeth of the roller.

The sash-holding devices above described are inserted in the recesses J of the sash, and coiled extensile springs H are placed in the said recesses and bear against the partition-

walls *a* of the cases, thereby forcing the latter outwardly, to cause the rollers to bear against the opposing side of the frame with sufficient friction to hold the sash when raised to any desired point.

By having the peripheral teeth on the rollers with which the pawls G engage, not only are the rollers prevented from rotating in a reverse direction, and thereby lowering the sash, but the said teeth bear against the frame and impinge thereon, thus materially assisting the springs in keeping the required friction of the rollers on the window-frame.

I am aware that it has been heretofore proposed to provide spring-pressed friction-rollers to bear between the frame and sash, and thereby hold the latter when raised, and pawls to prevent retrograde movement of the rollers, and this, broadly, I disclaim.

Having thus described my invention, I claim—

The herein-described sash-holder, comprising the longitudinally-movable case C, divided by partition *a* into two sockets or compartments, a spring, H, located in one of the compartments or sockets, a roller, D, journaled within the other socket and having only its periphery or rim projecting therefrom, a series of longitudinal teeth, *d*, on the periphery of the roller, which teeth impinge against the frame, and a pawl, G, fitted to the case and engaging with the teeth of the roller to prevent retrograde movement thereof, all constructed and combined as set forth.

MILTON C. TULLY.

Witnesses:

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