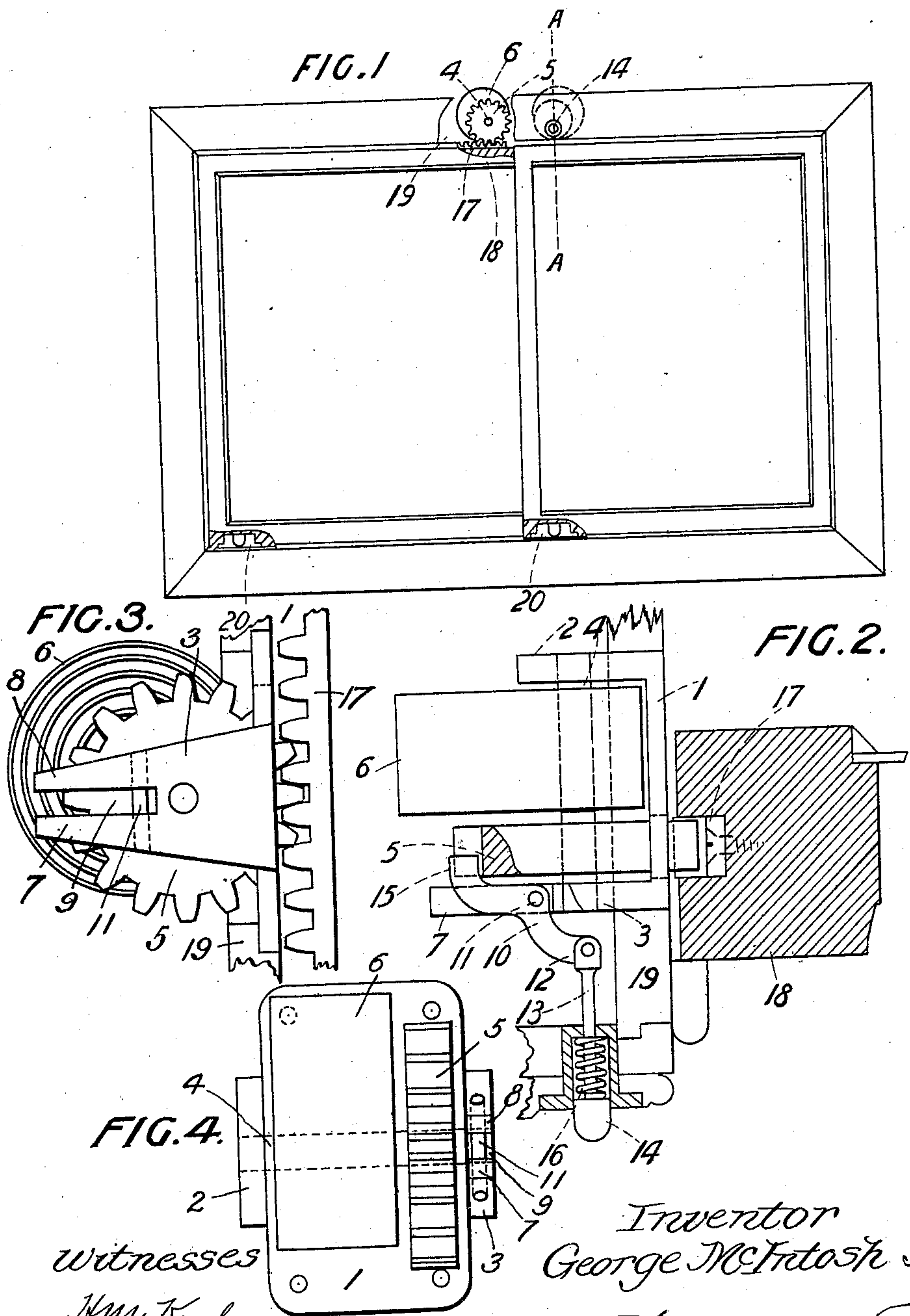


No. 861,681:

PATENTED JULY 30, 1907.

G. McI. SCOTT.  
SASH FASTENER.  
APPLICATION FILED AUG. 8, 1905.



witnesses  
Wm. Kuhne  
J. B. Stephens

Inventor  
George McFritosh Scott

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# UNITED STATES PATENT OFFICE.

GEORGE McINTOSH SCOTT, OF DUNEDIN, NEW ZEALAND.

## SASH-FASTENER.

No. 861,681.

Specification of Letters Patent.

Patented July 30, 1907

Application filed August 8, 1905. Serial No. 273,276.

*To all whom it may concern:*

Be it known that GEORGE McINTOSH SCOTT, a British subject, residing at Dunedin, New Zealand, has invented new and useful Improvements in Sash-Fasteners, of which the following is a specification.

This invention relates to fasteners for sashes which are actuated by pinions controlled by coiled springs and the object is to fasten the sash in any desired position.

The invention consists in the features and combination and arrangement of parts hereinafter referred to and particularly pointed out in the claim.

In the accompanying drawings illustrating the invention the same numbers refer to the same or similar parts.

Figure 1 is an elevation of a window showing the invention attached thereto. Fig. 2 is an enlarged cross section through the line A A Fig. 1 showing the push button and its spring case, the locking lever operated by the push button, the pinion and clock spring, and the bracket to which they are mounted, and the rack secured to a side rail of a window sash. Fig. 3 is a side elevation of part of the rack that is attached to the side rail of the window sash, the pinion that engages in the rack, the clock spring, which operates the said pinion and the bracket to which the apparatus is mounted. Fig. 4 is a front elevation of Fig. 3 the rack being omitted.

There is a bracket 1 with lugs 2 and 3 provided with holes carrying a spindle 4 having a pinion 5 keyed thereto with portion projecting through an opening in the bracket. A clock spring 6 is secured by one of its ends to the bracket 1 and by its other end to the spindle 4.

The lug 3 has horizontal projecting pieces 7 and 8 forming a slot 9 in which a wingshaped locking lever 10 is mounted on a pivot pin 11. One end 12 of the locking lever 10 is pivotally attached to a rod 13 which projects inwards from the push button 14. The other end 15 of the locking lever 10 normally engages the pinion 5 under the influence of the spiral spring 16. Pressure applied to the button 14 disengages the end 15 from the pinion 5. There is a rack 17 which is let into a side rail 18 of the window frame. A hole is cut near the meeting rails in the pulley stile 19 into which the device is inserted and secured to the pulley stile flush with the outside thereof, and so that the pinion 5 gears into the rack 17.

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

Improvement in sash fasteners comprising a pulley stile of a window frame, a bracket secured thereto one of the projecting pieces of said bracket having a forked end, a spindle mounted in said bracket, a pinion keyed to said spindle, a spring coiled around said spindle and having one end secured thereto and its other end to the bracket a rack secured to an adjacent side rail of a window sash hung in said frame and meshing with said pinion, a wing shaped lever pivoted in the forked end of the bracket, and having one end adapted to engage with the teeth of the pinion, a rod pivotally attached to the other end of said lever, a button secured to the outer end of said rod and a spring for normally holding said rod in its outer position whereby the wing shaped lever engages with the pinion.

In witness whereof I have hereunto set my hand in presence of two witnesses.

GEORGE McINTOSH SCOTT.

Witnesses:

A. J. PARK,  
R. C. PARK.