

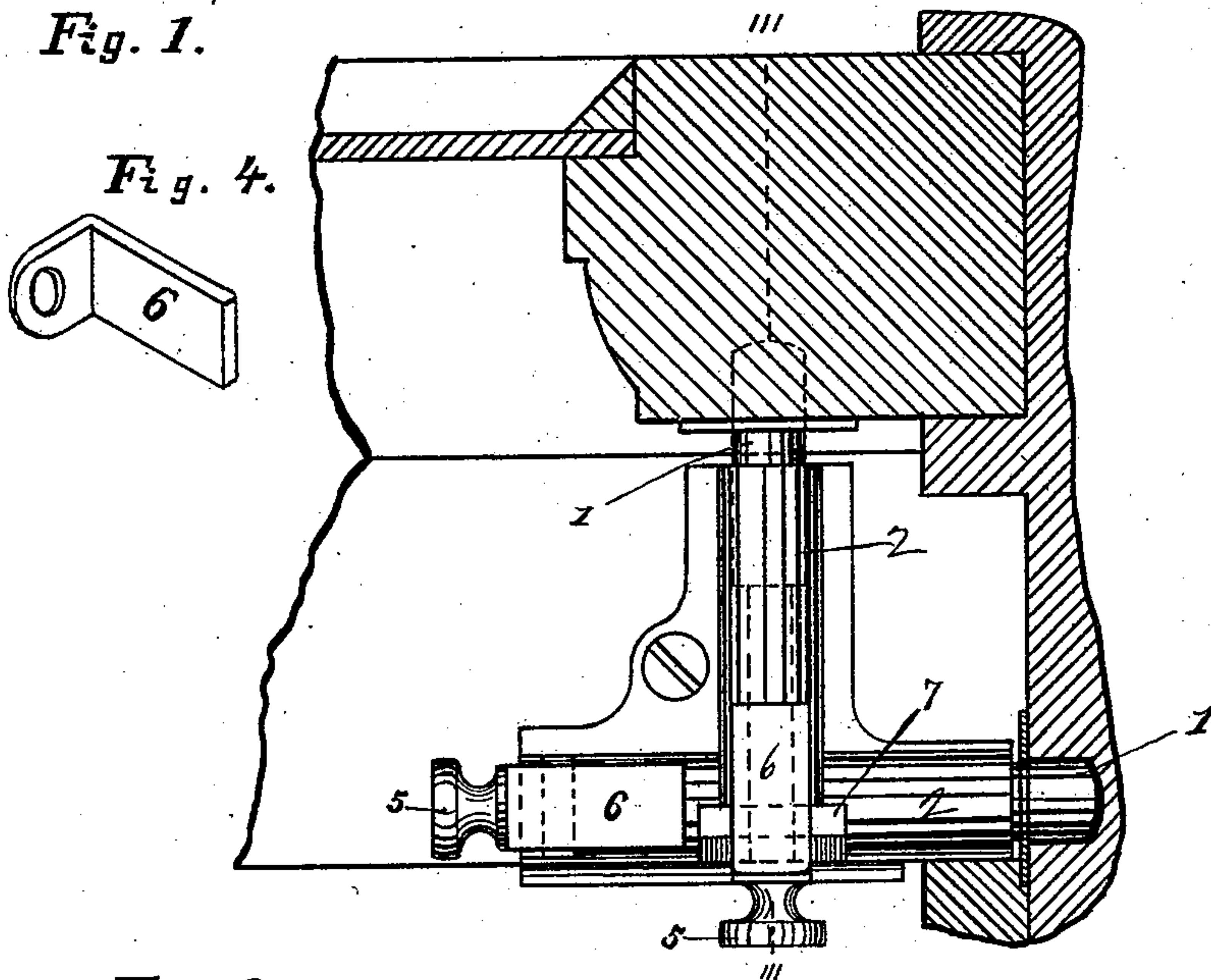
(No Model.)

G. H. LASAR.  
SASH LOCK.

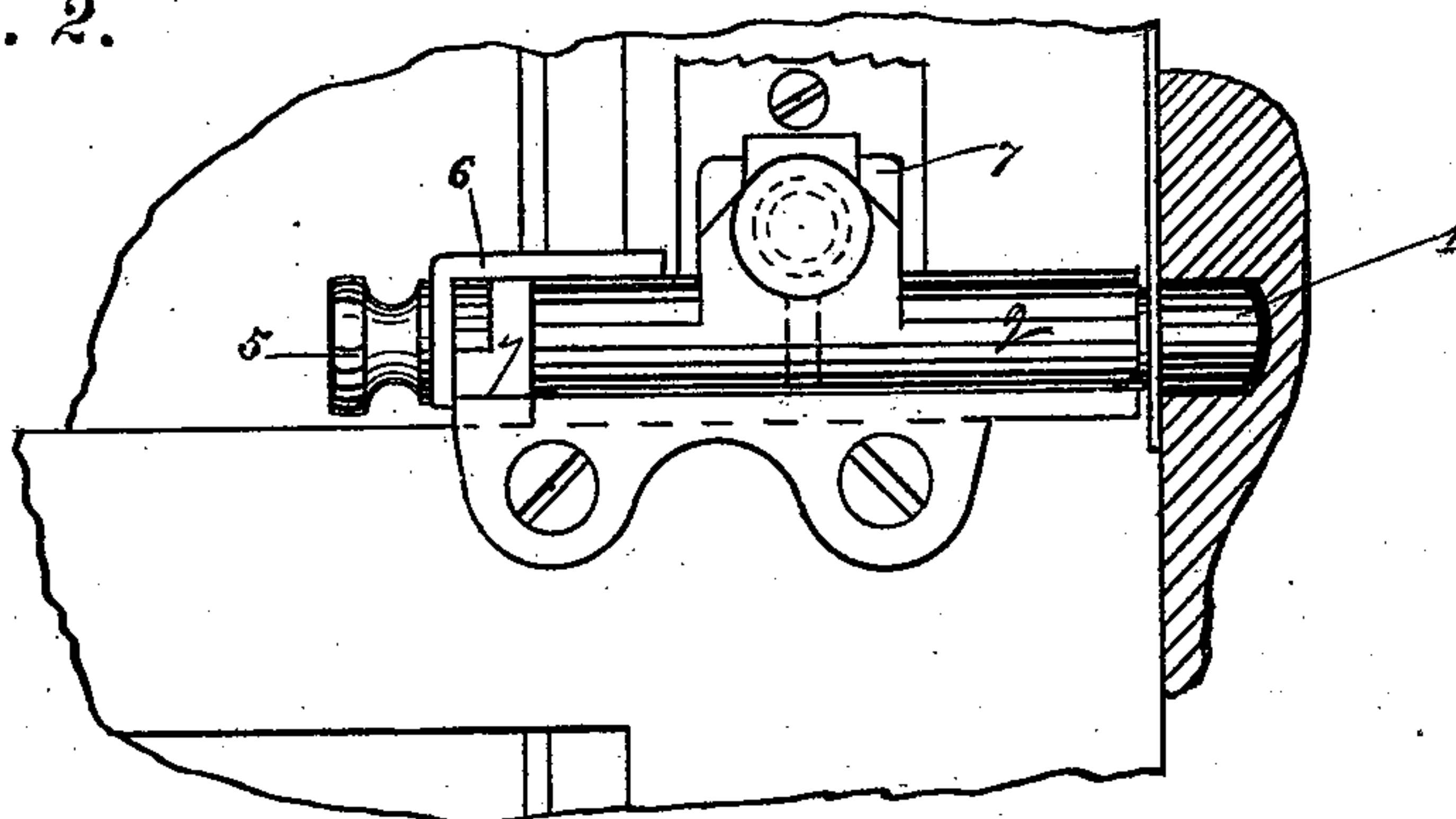
No. 554,633.

Patented Feb. 11, 1896.

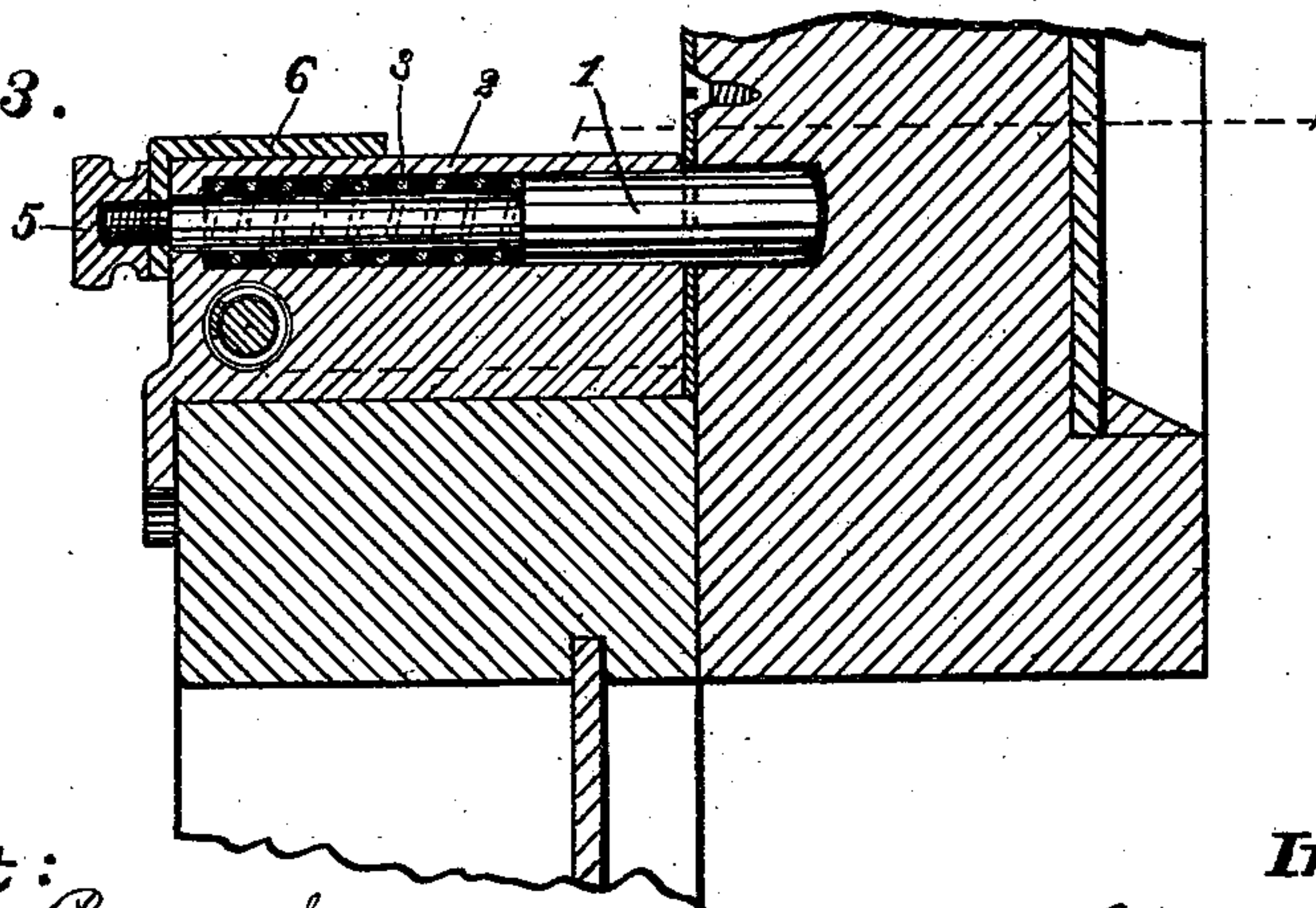
**Fig. 1.**



*Fig. 2.*



*Fig. 3.*



**Attest:**

**Attest:**  
Harry P. Prock,  
J. Percy Carr.

***Inventor:***

Geoffrey H. Lassar, by  
James A. Carr, Atty.



# UNITED STATES PATENT OFFICE.

GODFREY H. LASAR, OF ST. LOUIS, MISSOURI.

## SASH-LOCK.

SPECIFICATION forming part of Letters Patent No. 554,633, dated February 11, 1896.

Application filed July 6, 1893. Serial No. 479,743. (No model.)

*To all whom it may concern:*

Be it known that I, GODFREY H. LASAR, a citizen of the United States, residing in the city of St. Louis and State of Missouri, have  
5 invented a certain new and useful Improvement in Sash-Locks, of which the following is a specification.

My invention relates to sash-locks, and has for its principal object to arrange in one device two independently-manipulated fasteners, adapted respectively to lock the upper and lower sashes together and to lock one  
10 sash to the frame.

It also has for its objects to attain certain  
15 advantages of construction and operation hereinafter set forth.

My invention consists in the parts and in the arrangements and in the combinations of parts hereinafter described and claimed.

20 In the accompanying drawings, which form part of this specification, Figure 1 is a plan of my device applied to a window-sash. Fig. 2 is an elevation of said device. Fig. 3 is a vertical section thereof on the line 3 3 of Fig.  
25 1. Fig. 4 is a perspective view of the projecting locking-arm.

The device consists principally of two bolts 1, arranged at right angles to each other and adapted to move in suitable housings or barrels 2 provided therefor. The end of each  
30 bolt inside of its housing is reduced in diameter and is surrounded by a helical spring 3, one end of which bears against the end of the housing and the other end of which bears  
35 against the shoulder of the bolt formed by the reduction of its diameter. The reduced end of the bolt projects through the end of its housing and is provided with a handpiece 5 and with an L-shaped piece or projecting arm  
40 6, which extends forward over the barrel or housing. This L-shaped piece or arm may be fastened in any suitable way to the end of the bolt; but it is considered preferable to again reduce the diameter of the bolt at its  
45 outer end and screw-thread the end of said bolt, and also to screw-thread the handpiece 5 to work thereon, so that the arm being inserted on said bolt the handpiece will clamp it in position. The end of the housing has  
50 ears or shoulders 7 projecting outwardly therefrom. The proportions of the several parts should be such that when the handpiece is

pulled the helical spring can be compressed sufficiently to permit the outer end of the bolt to clear its keeper or edge of the bolt-hole and  
55 to permit the projecting arm on the bolt to pass the shoulder or ear on the housing. When the parts are thus adjusted and in the position indicated, the bolt is locked out of engagement by turning the handpiece, so as  
60 to turn the arm of the bolt to engage and interlock with the shoulder on the housing.

It is preferable to cast the housings for the two bolts in one piece, one housing being slightly higher than and at right angles to  
65 the other. As the bolts operate independently, however, it is their relative position rather than their structural connection that is important.

One of the housings is arranged on the sash  
70 so that its bolt will register with and fit in any one of a series of escutcheons or bolt-holes provided therefor in the window-frame, and the other housing is arranged on the sash in such position that its bolt will register with  
75 any of a series of escutcheons or bolt-holes on the other sash. The sashes may therefore be locked in any desired position when the housings are separate; but it is obviously preferable to make the housings of a single casting,  
80 or to fix them together and fasten them on the same sash.

The operation is as follows: The lock or fastener is screwed to the top corner of the lower sash and the bolt-holes are made in the  
85 upper sash and in the frame to correspond with the positions of the lock or fastener. When it is desired to change the position of the upper sash the proper bolt is retracted, leaving such sash free to be adjusted, whereupon  
90 the bolt is released and by entering a bolt-hole in such sash locks it to the lower sash, so that the two can only be moved together. To change the position of the lower sash, both  
95 bolts should be withdrawn from their holes when the upper sash is to remain in position, or only the bolt which fastens the sash to the frame should be withdrawn, when the two sashes will move together.

What I claim as new, and desire to secure  
100 by Letters Patent, is—

A sash-lock comprising a reciprocating and rotatable bolt and housing therefor, the handle end of said bolt extending centrally through

the end of said housing, a spring in said housing surrounding the reduced portion of said bolt, one end bearing against the said housing and the other against the shoulder of said bolt respectively, said bolt being provided on the handle end with an L-shaped arm or projection one end secured to the bolt, and the other parallel therewith, and projecting over the housing, and preventing the rotation of said bolt, said housing having a lug to engage with the arm on the bolt and retain the same in the retracted position.

GODFREY H. LASAR.

Witnesses:

T. PERCY CARR,  
HARRY PRUFROCK.