

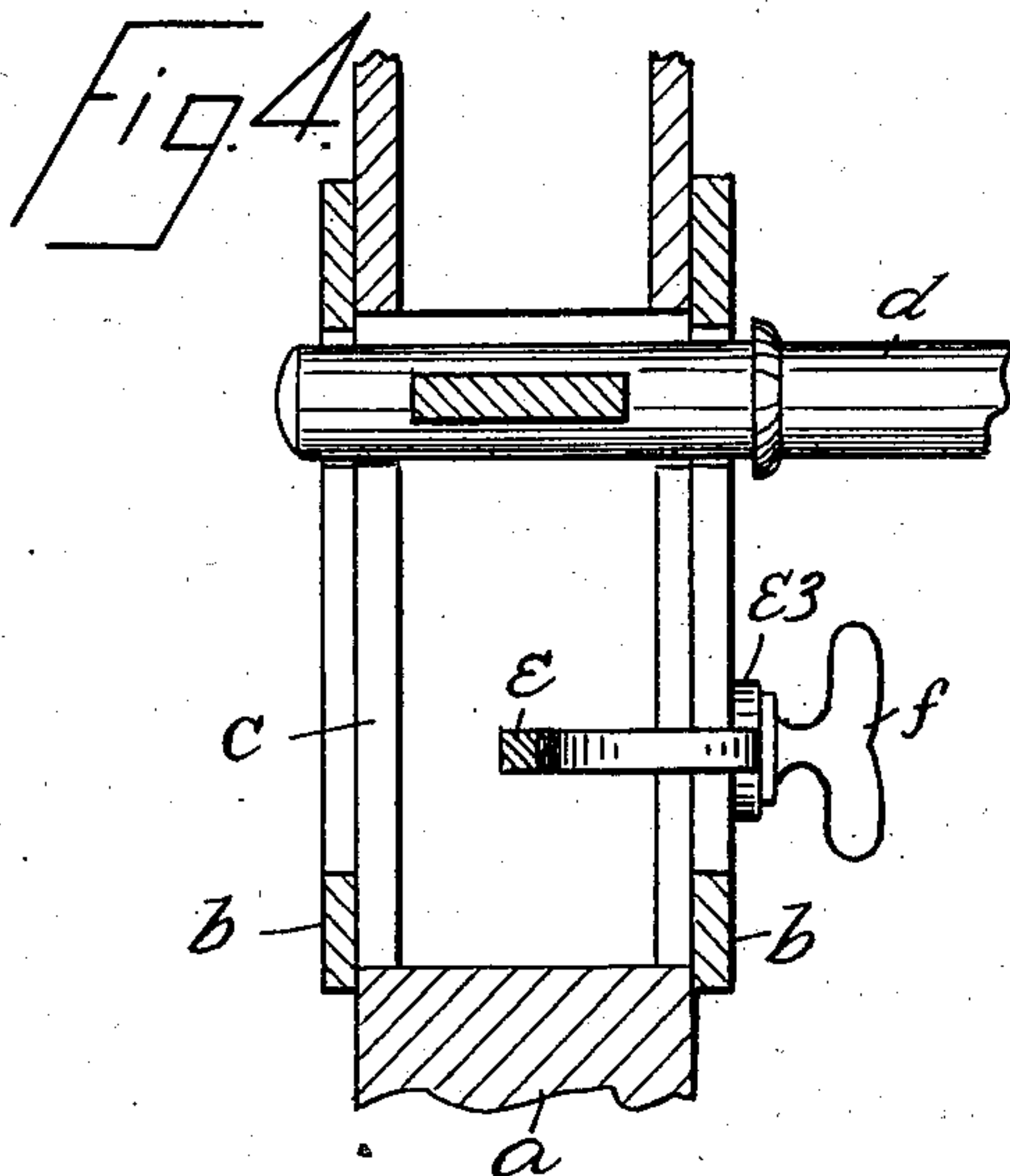
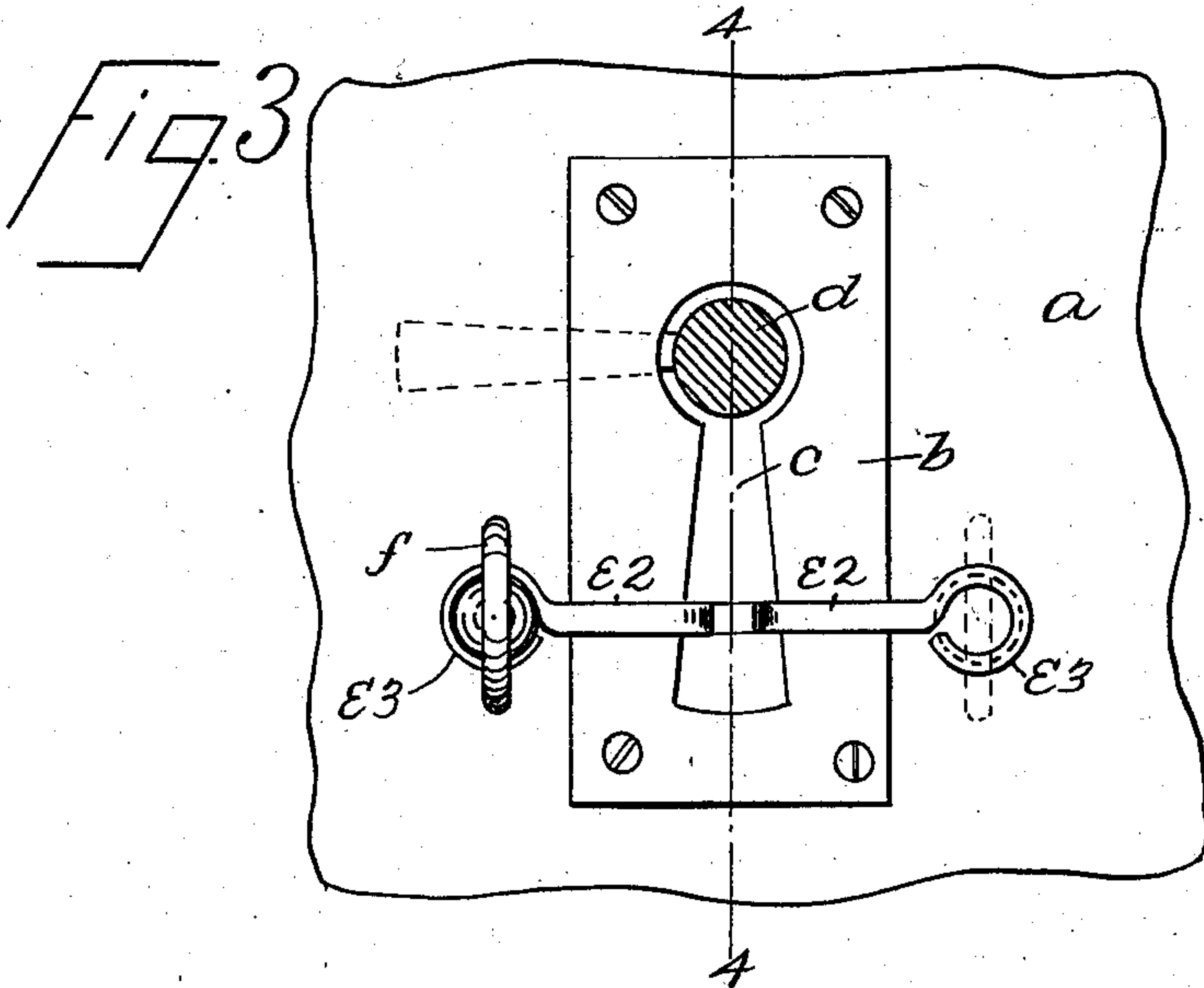
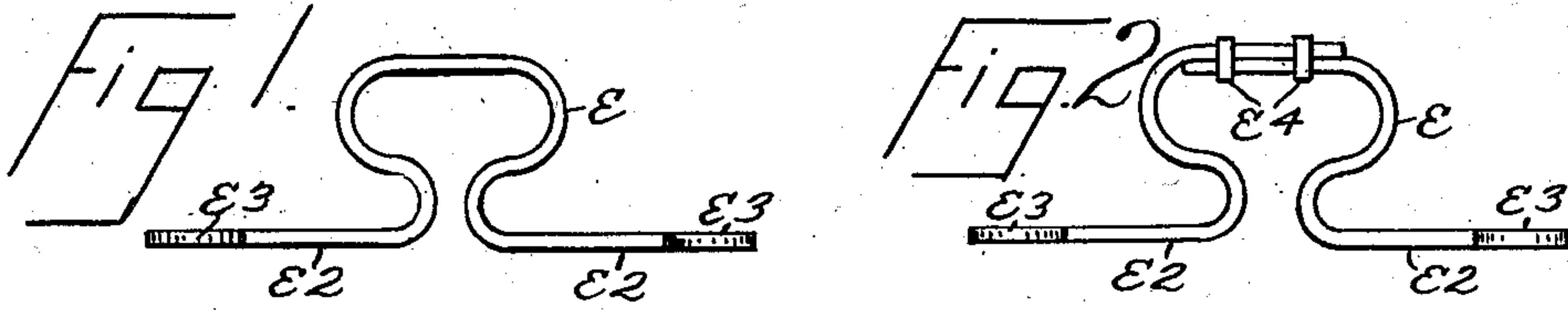
No. 721,468.

PATENTED FEB. 24, 1903.

E. L. RUGGLES.  
SAFETY ATTACHMENT FOR LOCKS.

APPLICATION FILED AUG. 12, 1902.

NO MODEL.



WITNESSES

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# UNITED STATES PATENT OFFICE.

EMMA L. RUGGLES, OF BAYONNE, NEW JERSEY.

## SAFETY ATTACHMENT FOR LOCKS.

SPECIFICATION forming part of Letters Patent No. 721,468, dated February 24, 1903.

Application filed August 12, 1902. Serial No. 119,395. (No model.)

*To all whom it may concern:*

Be it known that I, EMMA L. RUGGLES, a citizen of the United States, residing at Bayonne, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Safety Attachments for Locks, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide an improved safety device or attachment designed to be applied to an ordinary door-lock so as to prevent the picking of the lock or the turning of the key therein from the outer side of the door when the door has been locked from the inside, a further object being to provide a device of the class specified by means of which the occupant of a room may prevent the unlocking of a door after the same has been locked and the key left in the lock.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a plan view of my improved safety attachment for locks; Fig. 2, a similar view showing a modification; Fig. 3, an inside view of the lock of a door, showing my improved attachment in use and showing the shank of a key in cross-section; and Fig. 4, a partial section on the line 4 4 of Fig. 3.

In the drawings forming part of this specification I have shown at *a* a part of a door which is provided with the usual lock *b*, only the casing of the lock being shown, and said casing is provided with the usual keyhole *c*, and in Figs. 3 and 4 I have shown at *d* the shank of a key by which the lock may be operated, and in the practice of my invention I provide a device of the class specified which is preferably made of a piece of strong spring-wire bent centrally to form an elliptical loop *e*, which is open at one side and provided with laterally-directed arms *e*<sup>2</sup>, each of which is preferably provided with an eye link or loop *e*<sup>3</sup>.

In the use of this device after the door has been locked the loop *e* is turned longitudinal of the key slot or opening *c* and is passed

thereinto, and said loop *e* is then turned until the greater diameter thereof is transverse of the slot or opening *c*. In this position of the parts the device is held inside of the lock and the arms *e*<sup>2</sup> may be secured to the face of the lock or to the inside of a door by thumb-screws *f* or in any desired manner. When the attachment has been inserted into the lock in the manner described, the key cannot be turned from the outside and the door cannot be unlocked; but a person within the room may detach the attachment and unlock the door whenever necessary.

In Fig. 2 I have shown a modification of the attachment in which said attachment is composed of two parts, the said parts being separated at the back of the elliptical or loop-shaped member *e* and being connected by bands or rings *e*<sup>4</sup> in such a manner that the length of the member *e* may be adjusted, as will be readily understood. It will be observed that the parts of the loop-shaped member *e* serve as hooks to hold the device in the lock, and various changes in the forms of these parts may be made, the only object in this connection being to so form these parts that the ends thereof will serve as hooks or similar devices to hold the device in the lock when once inserted thereinto.

My invention is not limited to the thumb-screws *f* or to any other means for securing the attachment to the door, as this securing of the attachment to the door is not an absolutely essential feature, and when desired any suitable means may be employed for this purpose.

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

1. The herein-described door-lock attachment comprising a central oblong loop-shaped member open at one side and provided with laterally-directed arms, substantially as shown and described.

2. The herein-described door-lock attachment comprising a central oblong loop-shaped member open at one side and provided with laterally-directed arms, having rings or loops at the ends thereof, substantially as shown and described.

3. The herein-described lock attachment adapted to be inserted into the keyhole of a

lock so as to prevent the turning thereof, said  
attachment comprising spring side members  
having separate and oppositely-directed hook  
ends and adapted to be inserted into the lock,  
5 and outwardly-directed spring members or  
arms whereby the device is operated, sub-  
stantially as shown and described.

In testimony that I claim the foregoing as

my invention I have signed my name, in pres-  
ence of the subscribing witnesses, this 11th ro  
day of August, 1902.

EMMA L. RUGGLES.

Witnesses:

F. A. STEWART,

C. E. MULREANY.