

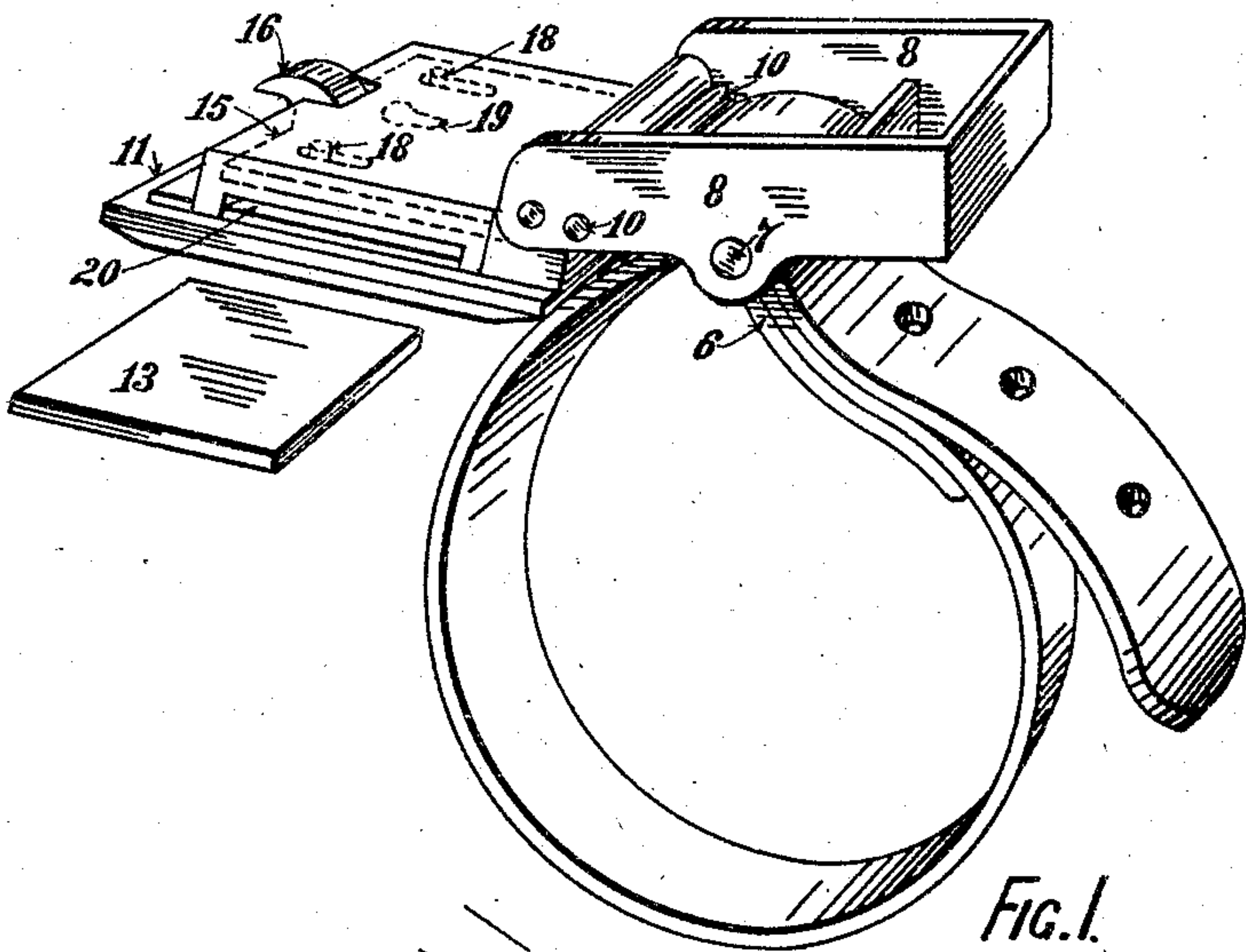
No. 785,568.

PATENTED MAR. 21, 1905.

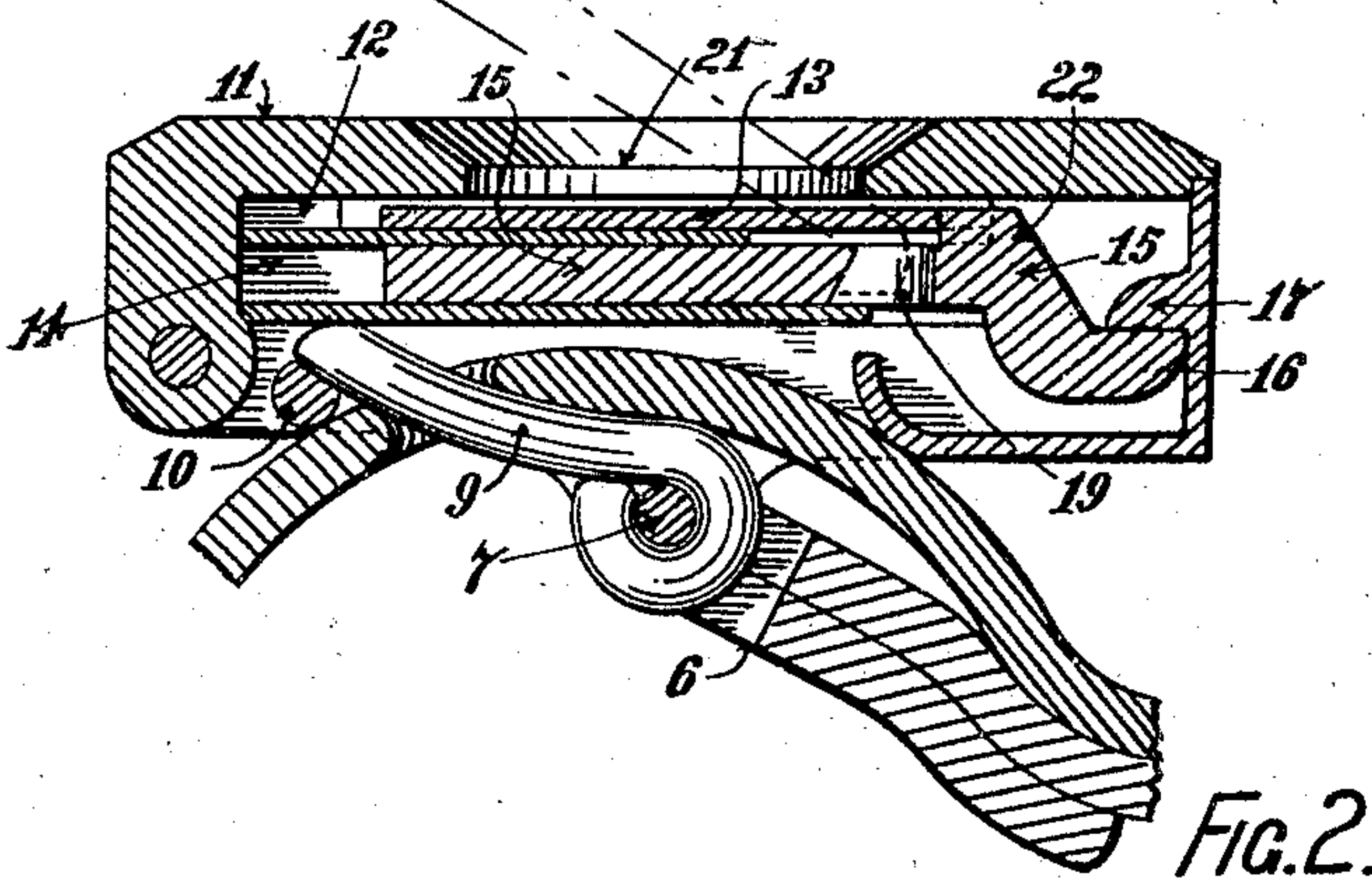
W. T. PERCIVAL.

SEAL LOCK.

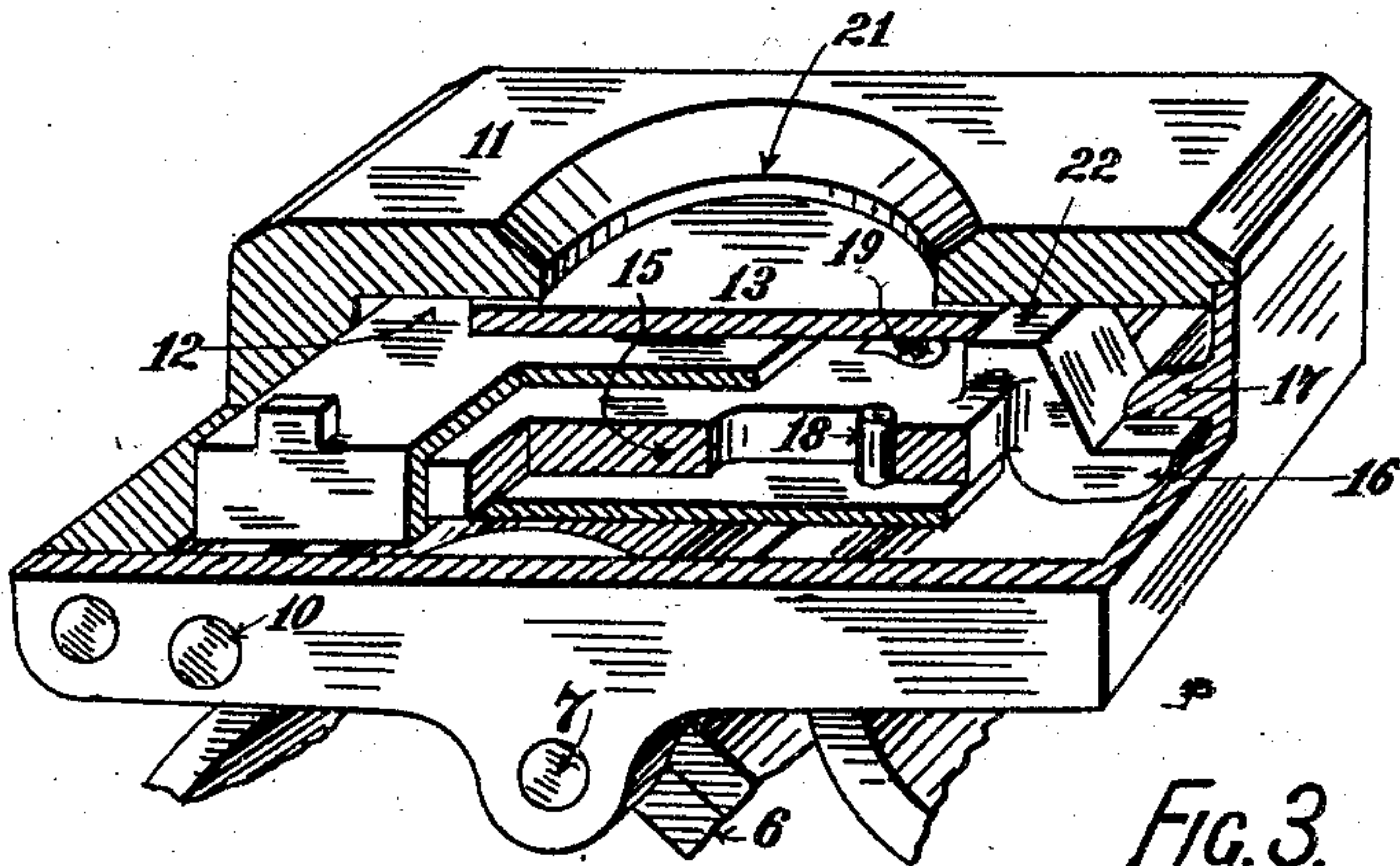
APPLICATION FILED SEPT. 10, 1903.



**FIG. 1.**



*FIG. 2.*



*FIG. 3.*

*Witnesses*

Wm. A. Barr.  
Hamilton & Turner

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by his Attorneys;  
Howson & Howson



# UNITED STATES PATENT OFFICE.

WILLIAM THOMAS PERCIVAL, OF PENSHURST, NEW SOUTH WALES, AUSTRALIA, ASSIGNOR TO JAMES CHANNON, OF PAKENHAM, NEW SOUTH WALES, AUSTRALIA.

## SEAL-LOCK.

SPECIFICATION forming part of Letters Patent No. 785,568, dated March 21, 1905.

Application filed September 10, 1903. Serial No. 172,660.

*To all whom it may concern:*

Be it known that I, WILLIAM THOMAS PERCIVAL, engineer, a subject of the King of Great Britain, residing at Bassett street, Penshurst, near Sydney, in the State of New South Wales and Commonwealth of Australia, have invented new and useful Improvements in Seal-Locks, specially applicable for strap-buckles, as of mail-bags, of which the following is a specification.

This invention refers to seal-locks specially devised for use on strap-buckles of mail-bags, though it is also useful to prevent unauthorized access to any fastening or other device, the object of the invention being to provide a lock which shall dispense with all mechanical springs. This object I attain as hereinafter set forth, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a seal-lock constructed according to my invention. Fig. 2 is a longitudinal sectional elevation of the invention, and Fig. 3 is a perspective sectional view of the same.

The strap as ordinarily constructed has end 6 sewed or otherwise fastened to chape 7, which joins the sides 8 of the lock casing or box and is the pivot of the tongue 9, which engages the rest-bar 10. The buckle or lock-box has a hinged leaf or cover 11. Within this cover 11 are two chambers, the one, 12, adapted to receive the seal 13 of the lock. This seal 13 is composed of strawboard or cardboard of sufficient thickness that it may be compressed or slightly curved under pressure and will recover its original shape and retain such shape, or this seal may be composed of wood veneer or easily-destructible metal or other flat material having the same quality. The second chamber, 14, is a guide for the bolt 15, whose catch or clip 16 is adapted to take under a keeper 17 or bar on the end of the lock-casing. This bolt 15 has movement longitudinally which is governed by pins 18 on the floor of the chamber, and it also has an orifice 19 for the reception of the end of a hook-bar or tool used to withdraw the clip 16 from under its keeper 17.

In use the bolt 15 is drawn outwardly or away from the hinge of the cover, and the seal 13, having the quality before mentioned, is inserted through the opening 20 in the side of the chamber 12, fitting comfortably between the back of said chamber and a stop-piece 22 on the bolt protruding into said chamber 12. Thus the clip or catch 16 is held in its outermost position by said seal 13. When it is desired to lock and seal the device, the cover 11 is shut down, and the end of the clip or catch 16 meeting the curve of its keeper 17 is forced backwardly, pressing said seal 13 backwardly and buckling it as much as the space in the chamber 12 will allow, at the same time compressing it longitudinally. As soon as the end of the clip 16 passes the keeper 17 the seal 13 recovers its original form and size, forcing said clip under said keeper, and the lock is thus secured or sealed until the seal is destroyed and removed from behind the stop-piece of the clip. The seal is destroyed by an appropriate tool entered through the orifice 21 in the cover 11, which tool is preferably in the form of a hook-bar. This is inserted in the orifice 19 in the bolt 15, so as to withdraw the clip or catch 16 from under its keeper 17, and so release the lock.

I claim as my invention—

1. The combination with a device to be protected, of a casing having a cover, a bolt carried by one of the members comprised by the casing and the cover, a keeper for said bolt on the other member, and a flexible sealing-piece engaging the bolt and one of the members for retaining said bolt in engagement with its keeper, substantially as described.

2. The combination with a device to be protected, of a casing, a cover therefor, a bolt for locking the cover to the casing, a keeper for said bolt, a sealing-piece confined between a portion of the bolt and one of the members comprised by the casing and its cover, for retaining the bolt in engagement with its keeper, there being an opening in the cover through which the sealing-piece is free to yield to a limited extent, substantially as described.

3. The combination with a device to be pro-



tected, of a casing, a cover therefor having an opening, a bolt for locking the cover to the casing, and a sealing-piece of flexible material interposed between the bolt and the opening  
5 and engaged by said bolt and a portion of the cover, said sealing-piece being of such a size as to retain the bolt in a position to lock the casing, substantially as described.

4. The combination with a device to be protected, of a casing having a cover, and a keeper  
10 having an inclined portion, a bolt for locking the cover to the casing and also having an inclined portion, with abutments respectively on the cover and on the bolt, and a piece of flexible sealing material confined between said two  
15 abutments and of a length to retain the bolt in a projected position, substantially as described.

5. The combination of a casing with a device  
20 vice to be protected inclosed by said casing, a cover hinged to the casing, a slidable bolt carried by the cover, said bolt and the casing having inclined portions placed to coact with

each other to move the bolt, and a piece of resilient sealing material placed between a portion of the bolt and a portion of the cover for retaining the bolt in engagement with the casing, substantially as described. 25

6. The combination with a device to be protected, of a casing inclosing the same, a cover  
30 hinged to the casing, a bolt slidably mounted on the cover and having means for limiting its motion, a keeper on the casing for said bolt, an opening in the cover, and a piece of resilient sealing material between the opening  
35 and the bolt and confined between said bolt and a portion of said cover, said piece being of a length to retain the bolt in its projected position, substantially as described.

In testimony whereof I have signed my name  
40 to this specification in the presence of two subscribing witnesses.

WILLIAM THOMAS PERCIVAL.

Witnesses:

PERCY NEWELL,  
M. J. CANDRICK.