

A. FRIEDRICK.
METALLIC SEALS.

No. 175,555.

Patented April 4, 1876.

Fig. 1



Fig. 2.

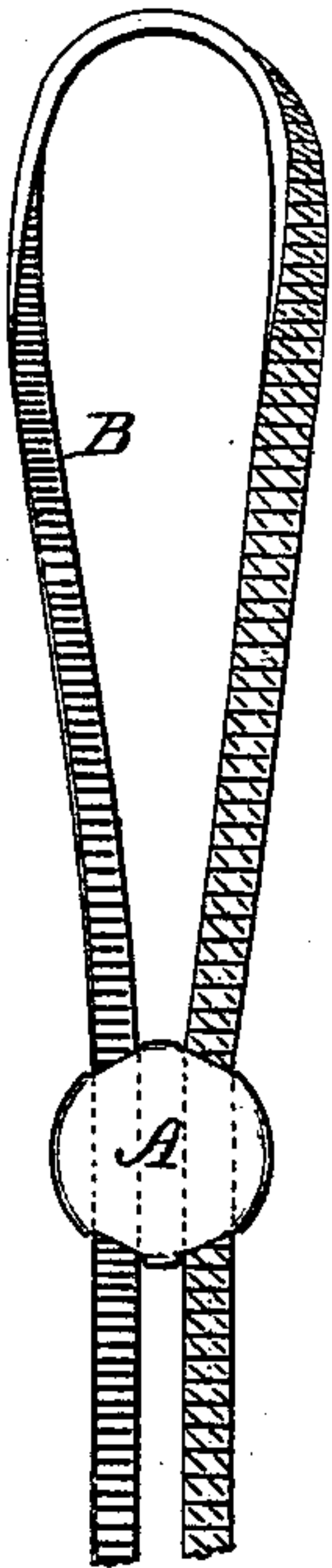


Fig. 3.

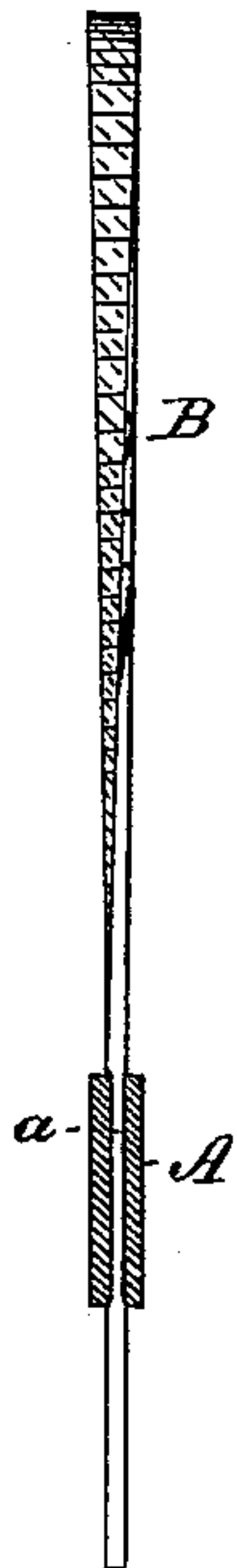
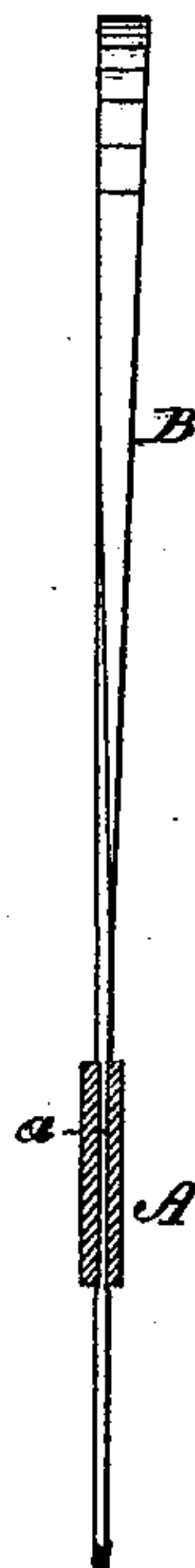


Fig. 4.



Fig. 5.



WITNESSES:

John Kemon
Chas. A. Pettit

INVENTOR:

Alphonse Friedrich

BY

Kenn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE

ALPHONSE FRIEDRICK, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN METALLIC SEALS.

Specification forming part of Letters Patent No. **175,555**, dated April 4, 1876; application filed February 10, 1876.

To all whom it may concern:

Be it known that I, ALPHONSE FRIEDRICK, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Metallic Seal; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is an end view of the soft-metal button. Fig. 2 is a side view of a metallic seal, with a loop of a milled or roughened lead strip. Fig. 3 is an edge view of the same, with the button in section. Fig. 4 is a side view of a metallic seal, with a loop of a plain lead strip. Fig. 5, an edge view of the same, with the button in section.

My invention relates to a novel construction of metallic seals, which are designed to be used upon doors, boxes, baggage, or packages, for additional security, the same being employed to supplement the lock, so as to render it impossible to open the door without breaking the seal, and thus apprise the owners of any attempt to tamper with the lock. It consists in the combination, with the compressible soft-metal disk or button having one or two holes therethrough, of a loop, made of lead or compressible alloy of lead, of such low degree of tenacity that when the button is compressed upon its ends the connection of the button with the loop is stronger than the tensile strength of the loop, so that the latter will break before it can be withdrawn.

In the drawing, A represents the soft-lead disk or button, and B the loop made of a milled or roughened strip of soft lead. The button A is made with one or two holes run-

ning through in the direction of the plane of the button, and through these holes the ends of the leaden strip are passed. Now, when the button or disk is compressed by a stamp provided with the initials or emblems which it is desired to impress thereupon, the strip is held so tight that it is impossible to withdraw it without breaking it. It will be found, also, in consequence of the compression, that the parts of the strip contained in the stamped button will be of smaller transverse dimensions, as shown at *a*, so as to form at the outer edges of the strip small shoulders, which effectually prevent the withdrawal of the strip without breakage. The milling upon the strip also serves to increase the inseparability, but is not absolutely essential, as the compression of the plain strip is sufficient to hold it securely. When the lock is supplemented by one of these seals it is impossible to open the door without breaking the seal, and thus leaving evidence of the fact, even if the lock be successfully tampered with or opened by skeleton-keys.

Having thus described my invention, what I claim as new is—

The combination, with the leaden button A, having holes therethrough, of a leaden strip, B, forming the loop, whose ends are secured, when compressed, in the button by the formation of shoulders, as described.

The above specification of my invention signed by me this 9th day of February, 1876.

ALPHONSE FRIEDRICK.

Witnesses:

SOLON C. KEMON,
CHAS. A. PETTIT.