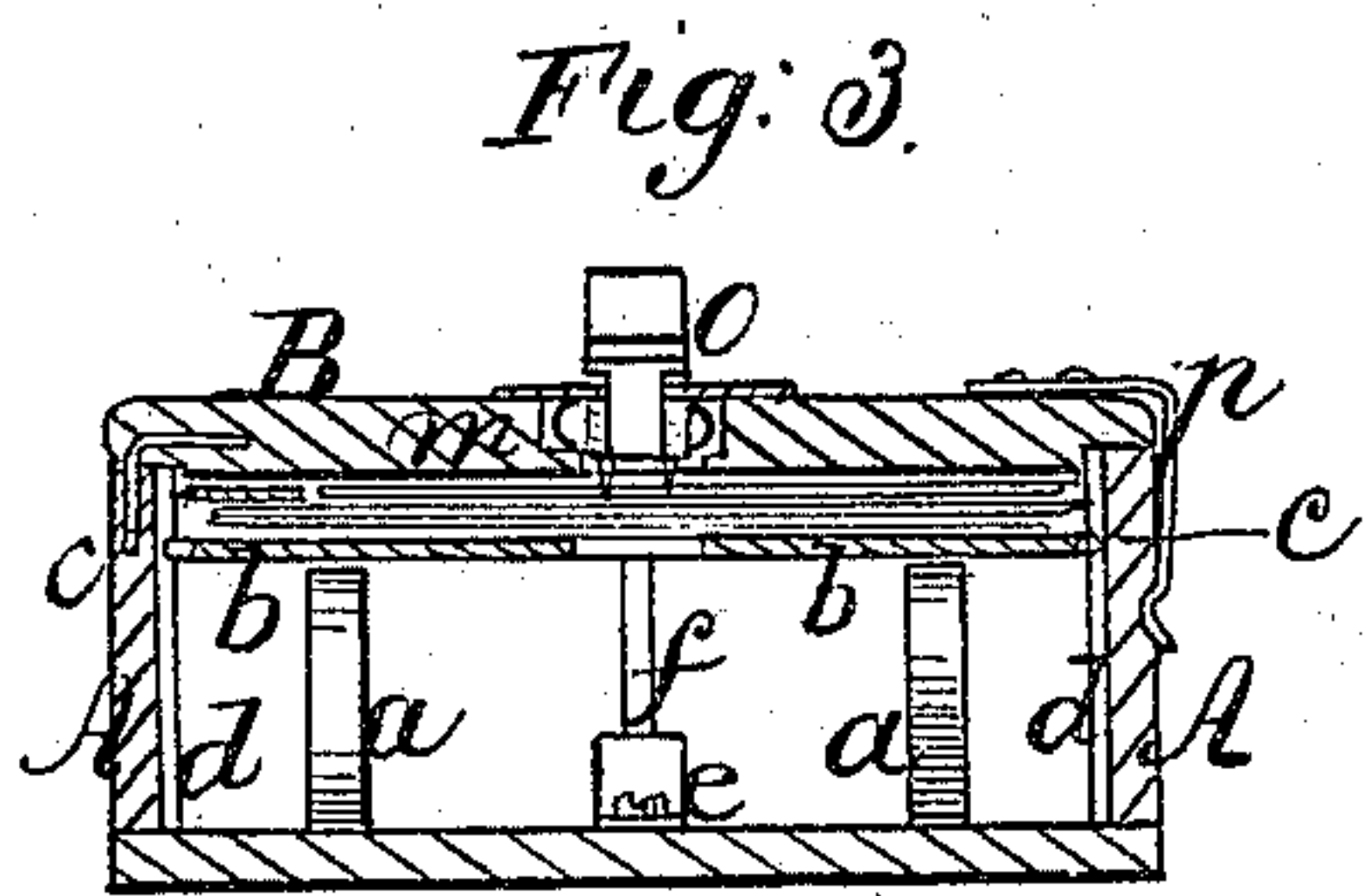
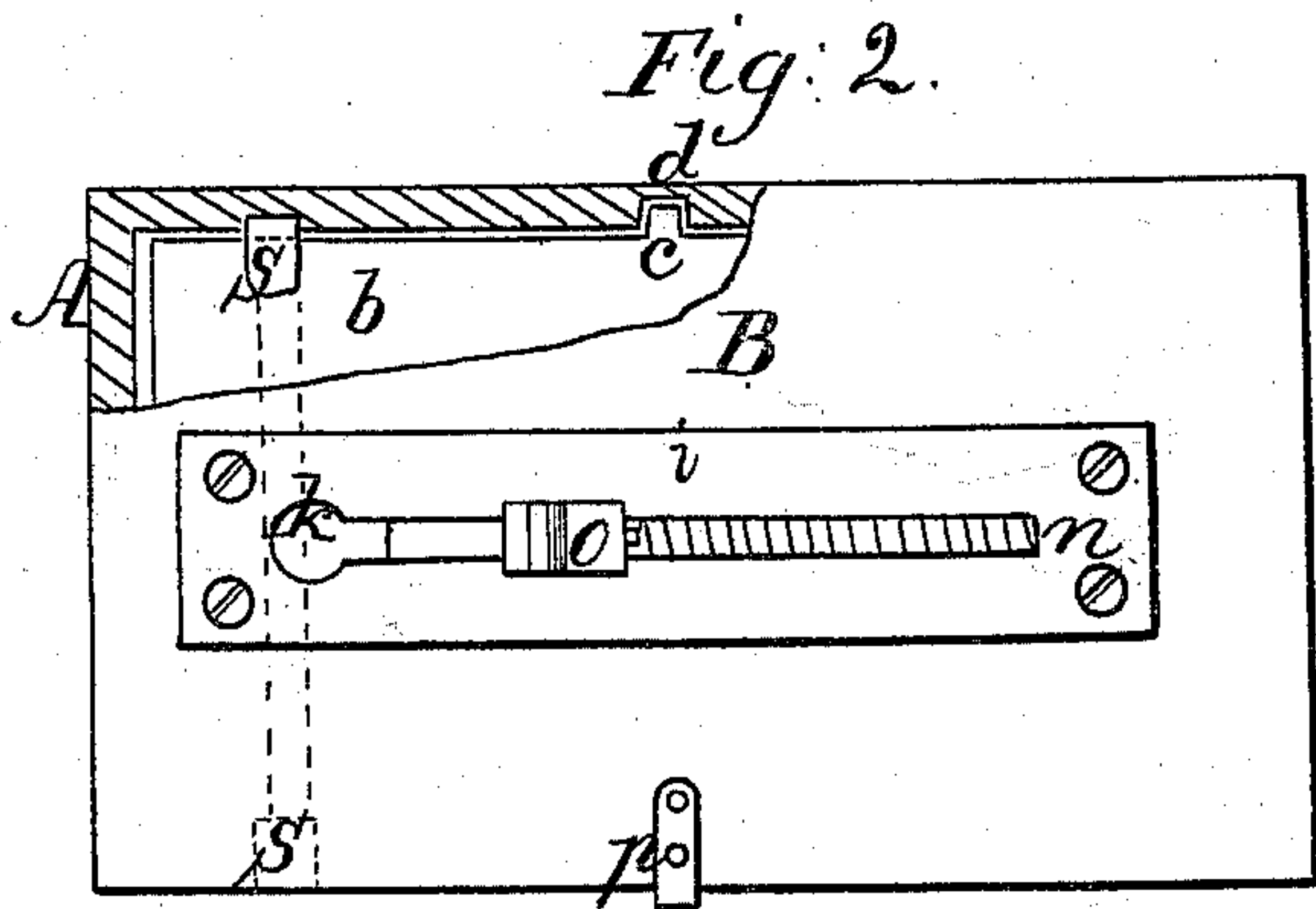
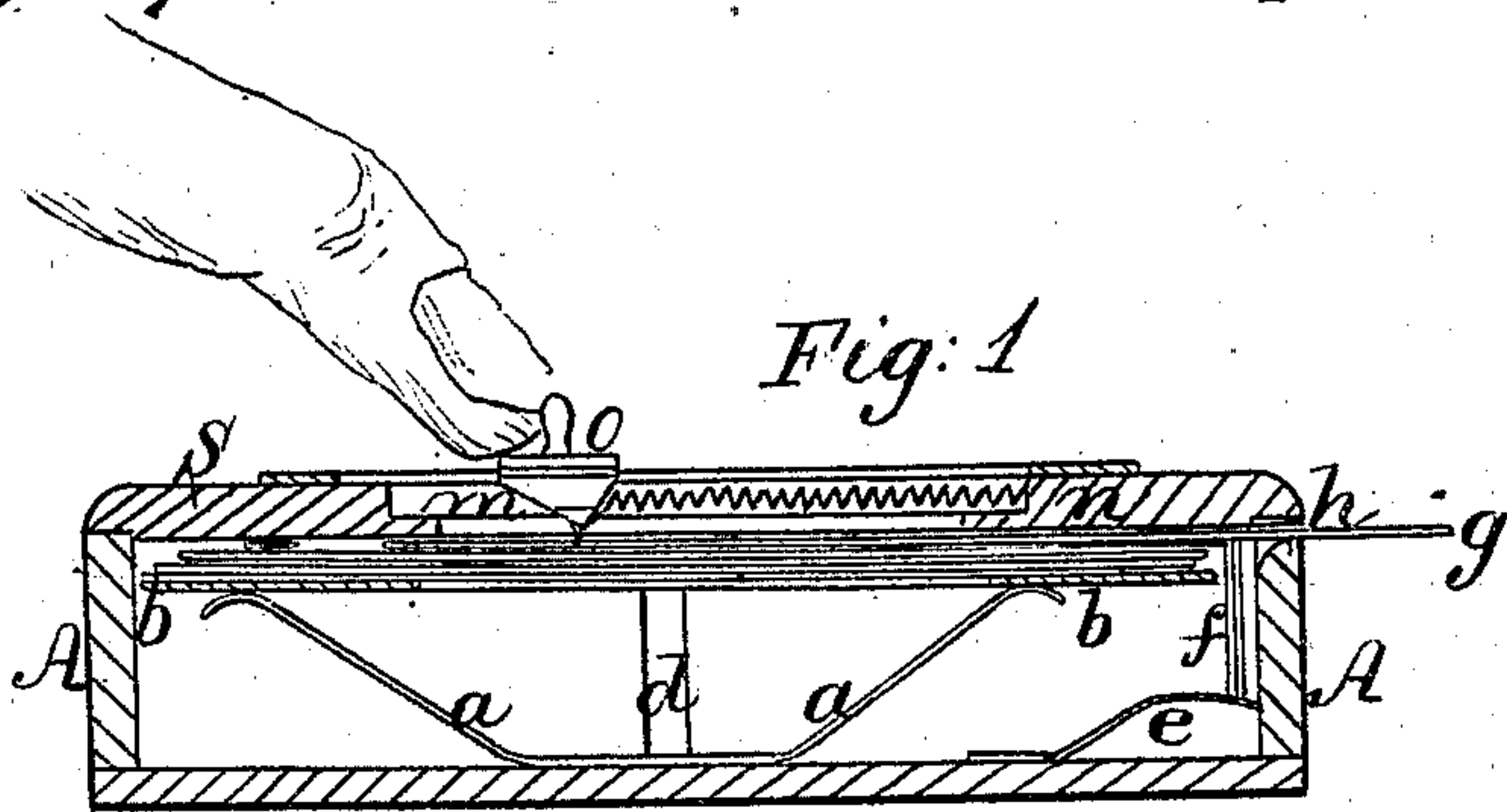


F. A. Lamontagne.

Card Rack.

Nº 58,357

Patented Sept 25, 1866.



Witnesses

*J. W. Blount
Jas A. Service*

Inventor;

*F. A. Lamontagne
Per
Munroe
Attorneys*

UNITED STATES PATENT OFFICE.

F. A. LAMONTAGUE, OF MONTREAL, CANADA.

CARD-CASE.

Specification forming part of Letters Patent No. 58,357, dated September 25, 1866.

To all whom it may concern:

Be it known that I, FRANCIS AUGUSTE LAMONTAGUE, of the city of Montreal, British Province of Canada, have invented a new and useful Improvement in Card-Cases; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a longitudinal and vertical section of the card-case. Fig. 2 is a plan. Fig. 3 is a transverse and vertical section.

Similar letters of reference indicate like parts.

The nature of my invention consists in the construction of card-cases with a combination of springs and slides for the discharge of a card at a time from the case without opening the lid, by simply pressing upon a slide on the top with the finger. For the use of ladies, especially, to carry visiting-cards, it will be found extremely convenient, and may be formed in any style of fashion or taste, of any suitable material, wood, metal, hard rubber, papier-maché, ivory, or mother-of-pearl. Any number of cards may be discharged successively until all contained in the case are delivered.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation.

Referring to the drawings, A indicates the frame or body of the card-case, and B the lid. To the bottom of the case are fastened, at their center, two elliptic steel springs, *a a*, which support on their ends a flat metal plate, *b*, that fits on the inside so as to move freely up and down by the expansion and depression of the springs. The plate *b* is kept in proper position and guided in its movements up and down by lugs *c c* at the sides, which fit in recesses or grooves *d d* on the inner sides of the case, running from the top to the bottom, Figs. 2 and 3. The cards are placed on the metal plate *b*, as shown in Fig. 1, and for the purpose of holding them down firmly upon it two little metal laps, *s s*, Figs. 1 and 2, are placed on the sides of the case at the top, near the end; or instead, a narrow band of metal (indicated by dotted lines in red) may extend

across the plate, under which band the cards are to be inserted when they are introduced. In the delivery end of the card-case is fastened at one end, to the bottom, a half-elliptic steel spring, *e*, Figs. 1 and 3, on the end of which is attached a little pin or rod, *f*, that rises to the top of the case, the office of which is to bear up against the top card and guide it in its discharge from the case through a crevice or slit, *h*, immediately under the lid B, across the case, as seen in Fig. 1.

On the top of the lid of the case is attached a narrow metal plate, *i*, running lengthwise, in which is a slot, *k*, Fig. 2, which passes through the lid, in the body of which it is enlarged so as to form a race, *m*, Figs. 1 and 3, for a flat oval spiral spring, *n*, to lie and travel in. One end of this spring *n* is fastened at the end of the race *m*, toward the delivery side of the case, and upon the other or free end is attached a slide, *o*, which plays in the slot *k*. The slide passes through the lid to the under side, where it terminates in a little india-rubber pad or cushion; or instead, two or more pins are set in the end, as shown in Fig. 3, the office of which device is to bear upon the top of a card and press it forward when it is discharged. The slide *o* is hung loosely on the top plate of the race *m*, with the spring secured to the bottom of an arm projecting from its rear, so that it presses and holds the card in its forward motion, and merely slides over it on its return without touching or marking the card.

The mode of using my card-case can be readily understood. The desired number of cards is introduced by placing them on the plate *b* and slipping them, at one end, under the laps *s s*, the springs *a a* being depressed till they are quite flat at the bottom, if necessary. The upper end of the pin *f* on the spring *e* extends up in front of the narrow end of the cards, as exhibited in Fig. 1.

The lid of the case having been closed and secured by the snap, it is then ready for use. To discharge a card from the case the slide *o* is pushed forward with the forefinger or thumb, when the pad or set of pins on the lower side of the slide bears down on the upper card and carries it along with it, the front end being kept up and guided into the crevice *h* by the

pin *f* on the spring *e*. The slide being released from the pressure of the finger, it leaves the card, and, by the action of the spiral spring, flies back to its place, and is then ready to act upon the next card in the same manner, the springs *a a* pressing the cards lying on the plate *b* up against the lid in succession until all that have been introduced are discharged.

I do not confine myself to the precise forms and arrangements of the several parts and devices of my invention as above described, as they admit of various modifications without departure from the principle of its construction and operation; but,

Having described it fully, what I claim, and desire to secure by Letters Patent of the United States of America, is—

1. The spring-slide *o*, provided with beveled teeth, so hung in the race *m* and combined with

the spring *e* as to press and hold the card on its forward motion, and slide back over the cards without contact, substantially as described, for the purpose specified.

2. The spring *e* and pin *f* in the forward part of the box *A*, guiding the card in its discharge and preventing more than one card being forced out at the same time, substantially as described, for the purpose specified.

3. The elliptic springs *a a*, slotted plate *b*, having lugs *c*, spring *e*, and pin *f*, slotted plate *i*, and toothed spring-slide *o*, arranged in combination with the slotted lid *B* and case *A*, provided with guide and holding laps *s* and grooves *d*, operating substantially as described, for the purpose specified.

F. A. LAMONTAGUE.

Witnesses:

C. G. B. DRUMMOND,
CHARLES LEGGE.