

No. 673,269.

Patented Apr. 30, 1901.

A. P. J. P. JACOBS.
CARTRIDGE POUCH.

(Application filed Dec. 18, 1899.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1.

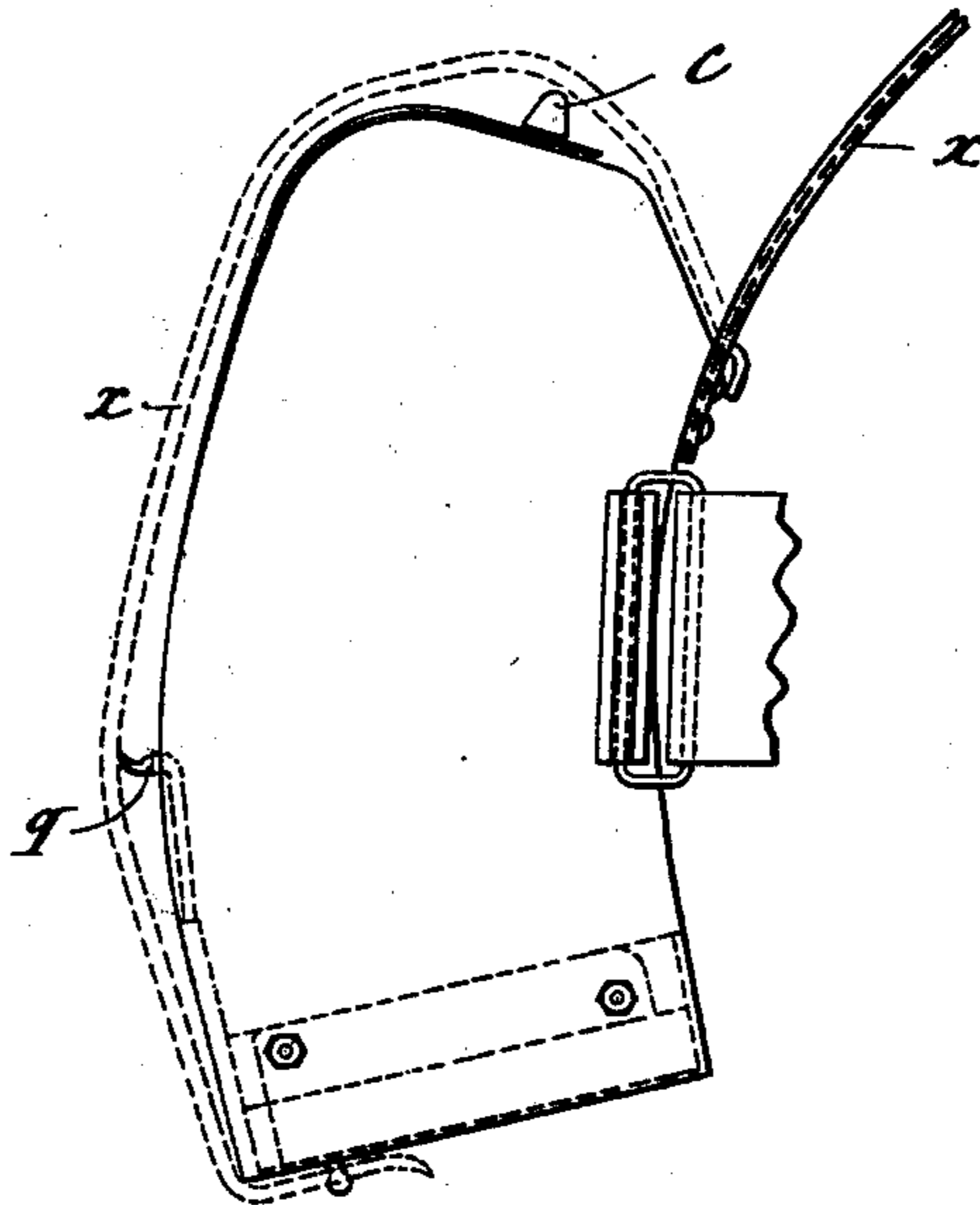


Fig. 6.

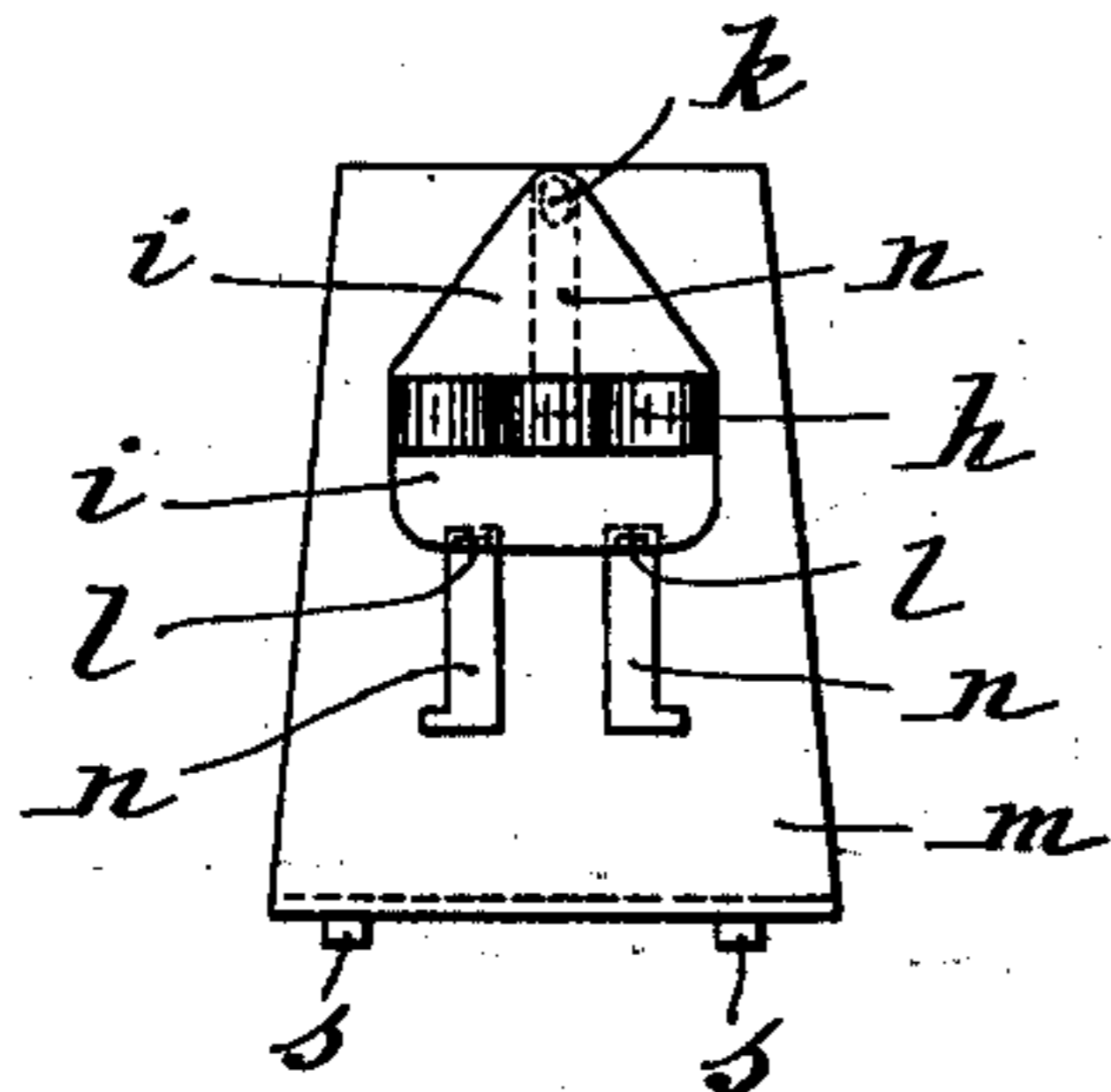
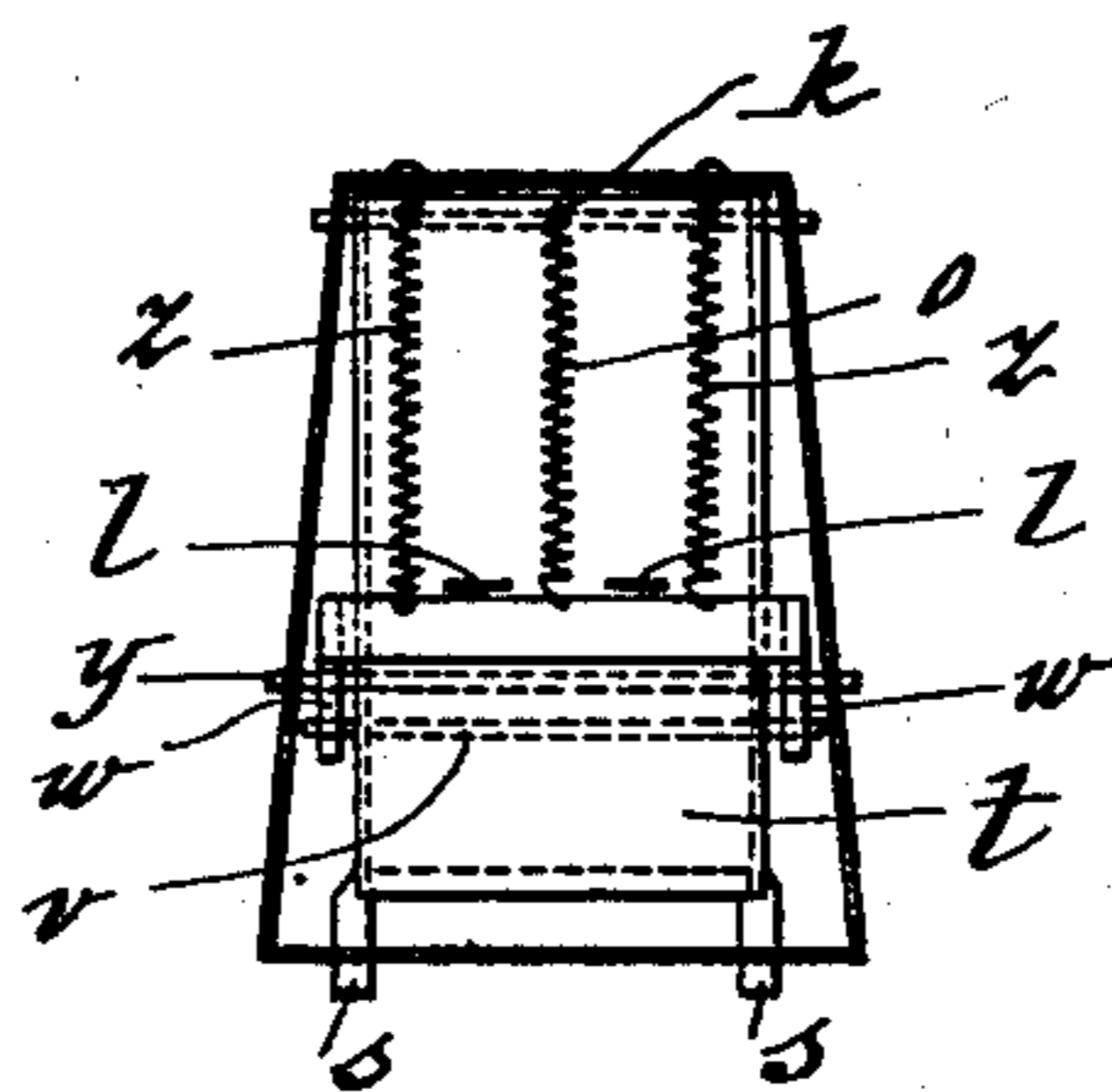


Fig. 7.



Witnesses
A. J. Shadley
E. M. Moore

Inventor
A. P. J. Jacobs
By *723* Attorney *P. H. Shadley*

No. 673,269.

A. P. J. P. JACOBS.

Patented Apr. 30, 1901.

CARTRIDGE POUCH.

(Application filed Dec. 18, 1899.)

(No Model.)

2 Sheets—Sheet 2.

Fig. 2.

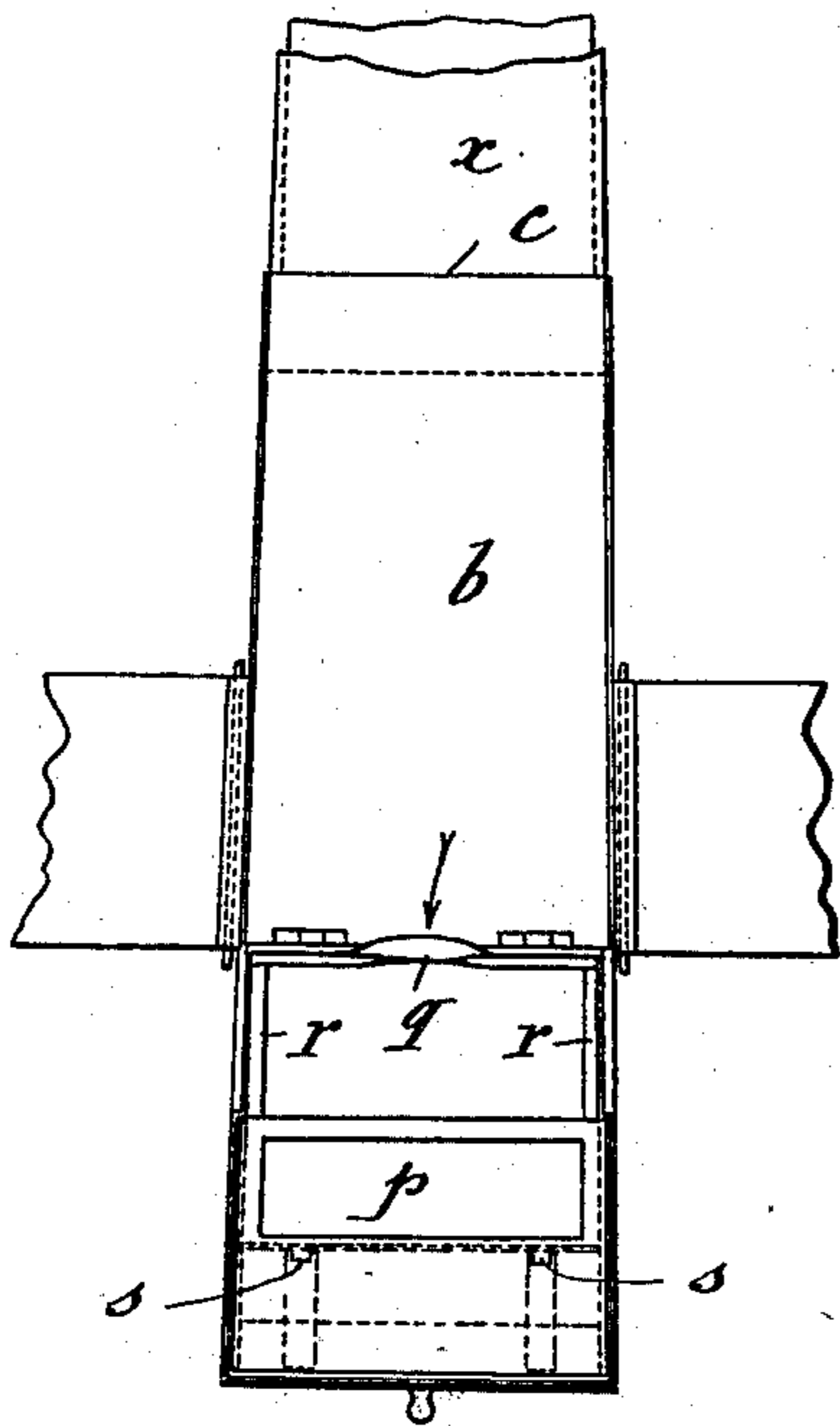


Fig. 4.

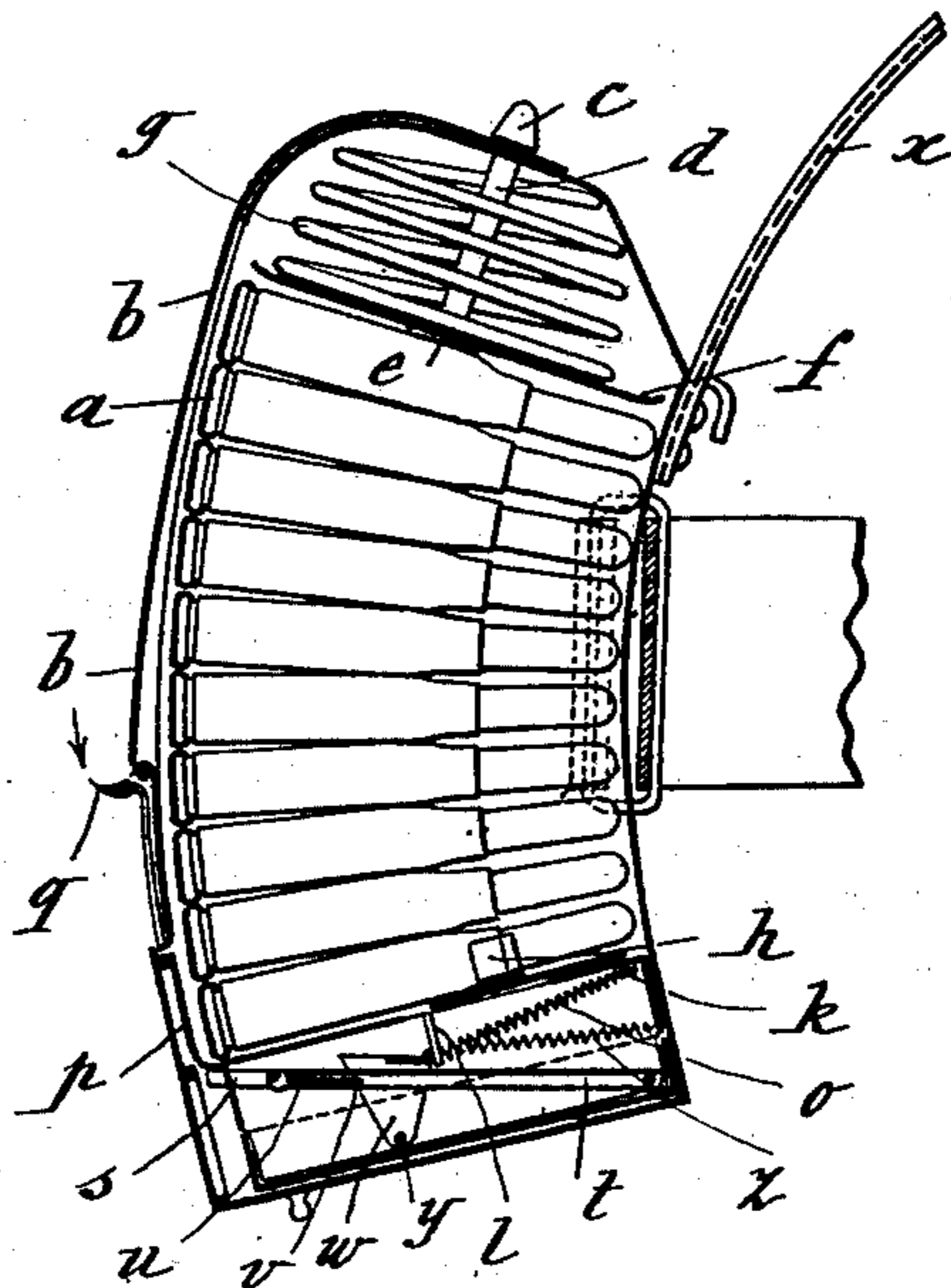


Fig. 3.

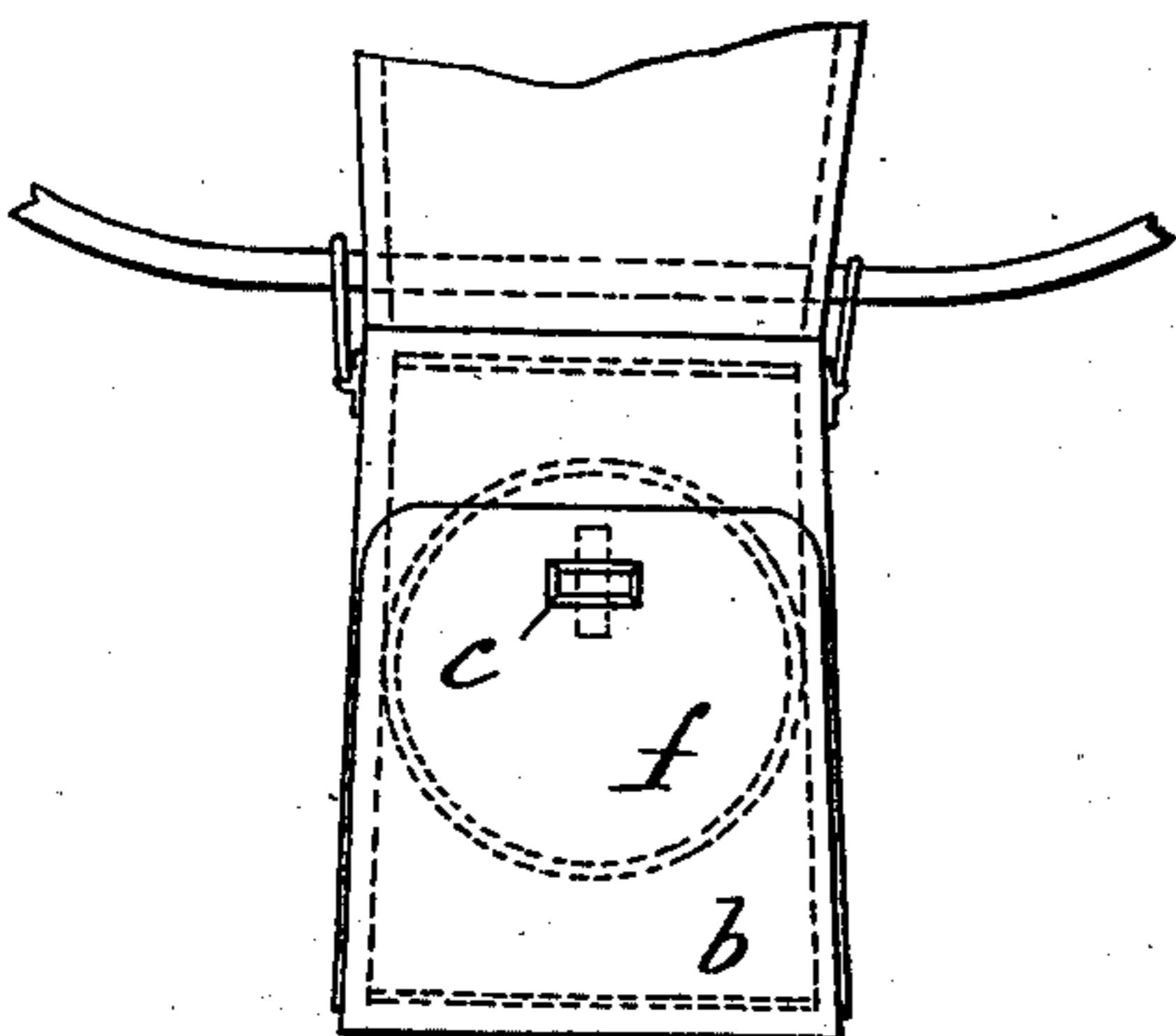
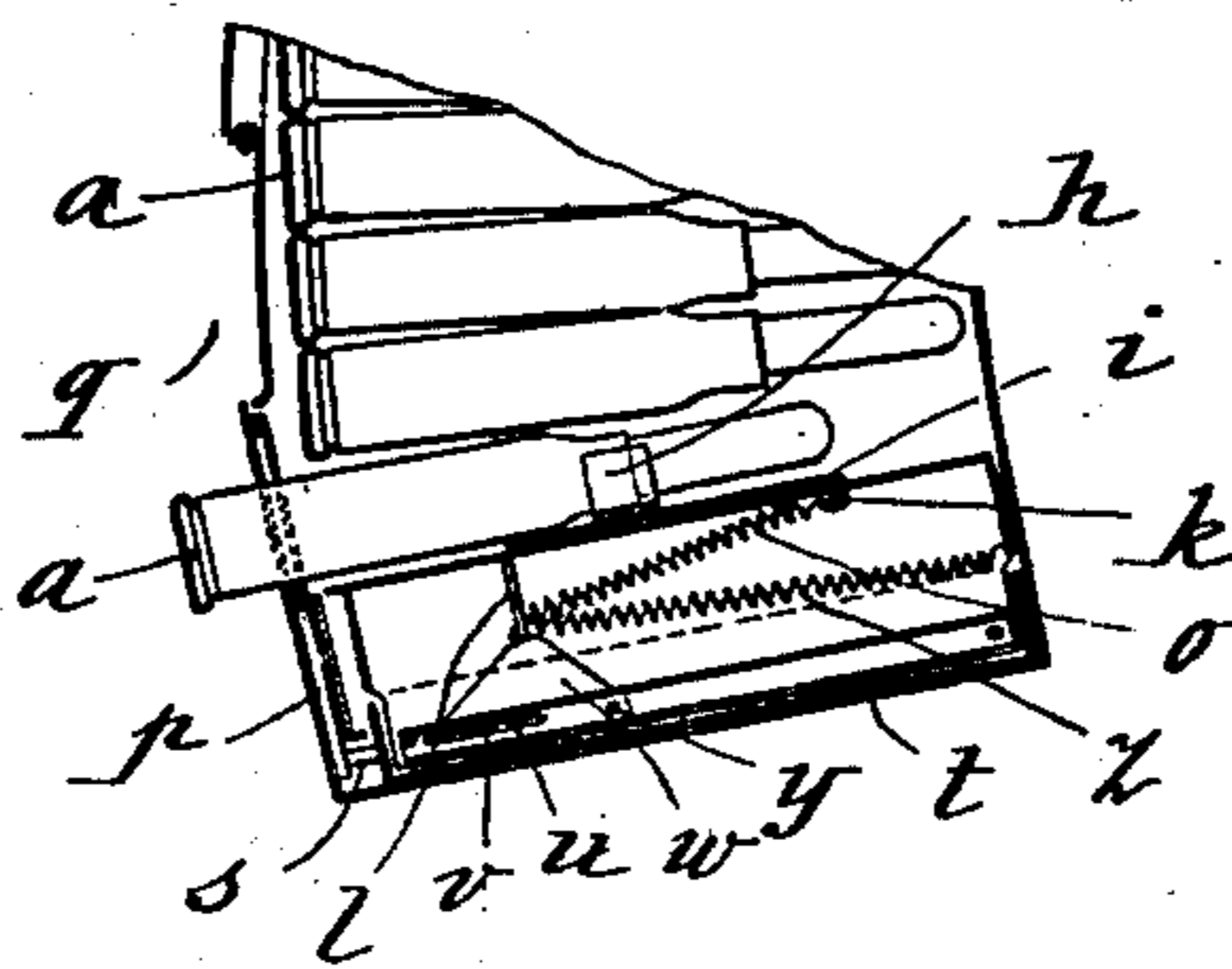


Fig. 5.



Witnesses
A. J. H. H. H.
E. M. Moore

Inventor
A. P. J. P. Jacobs.
by his Attorney A. H. H. H.

UNITED STATES PATENT OFFICE.

ANDRÉ PIERRE JULES PHILIPPE JACOBS, OF ST. JOSSE-TEN-NOODE,
BELGIUM.

CARTRIDGE-POUCH.

SPECIFICATION forming part of Letters Patent No. 673,269, dated April 30, 1901.

Application filed December 18, 1899. Serial No. 740,770. (No model.)

To all whom it may concern:

Be it known that I, ANDRÉ PIERRE JULES PHILIPPE JACOBS, a subject of the King of Belgium, formerly residing at 40 Chaussee de Louvain, St. Josse-ten-Noode, but now having my post-office address at 31 Avenue Duceptiaux, St. Gilles, near Brussels, Belgium, have invented certain new and useful Improvements in Cartridge-Pouches, of which the following is a specification.

The cartridge-pouch of this invention is such that the cartridges, singly or in series, such as "magazines" or packets, with which it is charged, are automatically discharged in such a manner as to allow the soldier or shooter, whatever position he may be in, either standing or lying down or during movement or action, to rapidly furnish himself with a cartridge or cartridges necessary for charging his gun by a single mechanical movement operated by one hand. In this receptacle the cartridges or the series of magazines are moved by a spring toward an expulsion arrangement, which gives the lowest cartridge or magazine the necessary movement to cross an outlet-opening arranged in one of the sides of the pouch when a sliding door actuated by the hand has completely disengaged or laid bare this opening. When this door closes the opening, the ejection arrangement automatically resumes its position, so that a fresh cartridge or magazine can be advanced.

In the annexed drawings the pouch is shown, of which—

Figure 1 is a side view. Fig. 2 is a front view. Fig. 3 is a plan view. Fig. 4 is a vertical section. Fig. 5 is a vertical section showing the position of the mechanism at the lower part at the moment of expulsion of the cartridge or cartridges. Fig. 6 is a plan view of the expulsion mechanism, and Fig. 7 is an upper view and part horizontal section of the mechanism actuating the expulsion device.

The pouch or receptacle shown in the drawings is intended for the automatic distribution of series or magazines of cartridges for repeating-rifles, and has for this purpose a horizontal section of a trapezoidal form, Figs. 3 and 6, corresponding to the general form of a magazine filled with cartridges.

The magazines are introduced into the

pouch with bullets toward the back part through an opening arranged, by preference, in the forward face of the pouch and closed by a hinged cover *b*. This cover is held in the closed position by the aid of a small rotary button *c*, attached to a rod *d*, provided at the opposite extremity with a similar button *e*, retaining in a similar way a plate *f*, holding in compression a strong helical spring *g*, of which the other extremity bears against the interior face of the pouch. The buttons *c* and *e*, or rather the corresponding openings of the cover *b* and the plate *f*, are arranged crosswise with regard to one another in such a manner that by turning the button to secure the cover *b* the plate *f* will be released, so that the spring *g* presses it firmly on the uppermost of the superposed magazines *a*. The lowest magazine is moved thus toward the bottom, where it becomes engaged in the ejecting arrangement. This consists of a fork *h*, with a plurality of arms fixed on a carriage *i*, arranged so that it can be displaced in the length direction of the cartridges. The fork embraces the cartridges of the lowest magazine at the narrow collars of the same, which surround the bullets. (See Figs. 4 and 5.) The carriage *i* is guided in its displacement by lugs *k l*, of which there are two in front and one behind, traveling in suitable slots *n n* in the bottom or support *m*, which is formed by the upper plate of a separate casing inclosing the mechanism actuating the carriage. These lugs *k l* project into this casing. Opposite the fork *h* is an opening *h'*, Fig. 4, normally closed by a sliding door *p*, able under the action of a hand movement on a pressure button or tongue *q* to be pushed downward in such a manner as to lay bare this opening. The door *p* is guided in its movement by means of guides *r r*, traveling in grooves of corresponding form provided in the front part of the pouch. The door *p* rests by means of two small projections on two lugs *s s* on a pivoted plate *t*, having side flanges provided on each side with a slot *u*. In these slots, Figs. 4 and 5, there engages a cross-rod *v*, connecting the extremities of corresponding arms of two kneed levers or triangular plates *w*, pivoted on an axle *y*, Figs. 4, 5, and 7, while the other corresponding

arms of the levers *w* are connected by a rod or plate, against which the front lugs *ll* of the carriage *i* bear. To this plate are attached three springs *z z* and *o*, of which two, *z z*, are
 5 connected at their opposite ends to the back part of the inclosing casing of the mechanism in such a manner that the kneed levers *w* and the plate *t* are drawn by these springs backward, so as to resume the position, as in
 10 Fig. 4, while the other spring *o* is attached at its opposite end to the lug *k* of the carriage *i* in such a manner as to draw the same forward when the kneed levers *w* are in the reversed or downward position, Fig. 5. The
 15 carriage *i* thus makes its movements in a plane perpendicular to the plane of movement of the sliding door *p*.

All the ejecting mechanism is arranged in such a manner so that it can be dismantled
 20 and replaced easily. For this purpose the mechanism is, as has been mentioned, inclosed in a box, which box is composed of two parts, as shown in Figs. 3 and 4, and can be attached to the pouch proper, this box carry-
 25 ing on its front part the closing arrangement. The whole apparatus is covered with a leather protector *x*, Fig. 1, which carries a spring-plate (shown by a dotted line *x'*) of such kind that when the protector is released from the
 30 button *x²*, which retains it, as shown in dotted lines in Fig. 1, it automatically rises up and remains in this lifted position, Fig. 4.

When the device is to be operated, the protector *x* having been released the tongue *q* is
 35 pressed down by the thumb of the operator, the hand being held open before the opening *h'* and the fingers pressing upon the lower end of the pouch. By the downward pressure of the door *p* on the lugs *s* the plate *t* is
 40 brought to the position shown in Fig. 5 and the rod *v* has rocked the levers *w* to bring the springs *z* and *o* into tension. The carriage is prevented from completely following the movement of the kneed levers as long as
 45 the door *p* has not completely moved from the outlet-opening, since this door, however little it masks the opening, prevents the magazine from issuing, and the carriage *i* with its fork *h* are thus held back by the cartridges
 50 of the last magazine, while the spring *o*, attached to the uniting-piece of the levers *w*, is extended. At the moment when the door *p* completely leaves the opening *h'* the carriage *i*, under the action of the spring *o*, can
 55 project the magazine into the hand of the operator, Fig. 5, or in the position necessary for the easy charging of the rifle. In this movement the lugs *ll* of the carriage *i* abut against the rod connecting the levers *w*.

The fork *h* in this position prevents the descent of the next magazine. When the tongue *q* is released, the plate *t* rises under the action of the springs *z z*. Thus the door
 60 *p* rises and the carriage *i* retires and its fork *h* comes behind the narrowed part of the car-
 65 tridges of the following magazine, which can thus fall down into the fork to be expelled in its turn.

I declare that what I claim is—

1. In a cartridge-pouch the combination of
 70 a cartridge-receptacle, having an opening, a sliding door adapted to lay bare said opening, a pivoted plate adapted to be moved down by said door and ejecting mechanism operated by the movement of said plate. 75

2. In a cartridge-pouch the combination of a receptacle, having an opening, a sliding door adapted to lay bare said opening, a pivoted plate adapted to be moved down by said door, a kneed lever adapted to receive move-
 80 ment from said plate, a carriage and a spring for moving said carriage, said spring being adapted to be brought into tension by the movement of the kneed lever.

3. In a cartridge-pouch the combination of
 85 a receptacle having an opening, a sliding door adapted to lay bare said opening, a pivoted plate adapted to be moved down by said door, a kneed lever receiving movement from said plate, a spring, a carriage adapted to be
 90 moved forward by said spring, a fork carried by said plate adapted to embrace a cartridge and means for supplying a cartridge to the fork.

4. In a cartridge-pouch the combination
 95 with a receptacle having an opening, a sliding door adapted to lay bare said opening, a pivoted plate adapted to be moved down by said door, a kneed lever receiving movement from said plate, a spring, a carriage adapted
 100 to be moved forward by said spring, of a spring adapted to return these moving parts to their original position.

5. In a cartridge-pouch the combination of a receiver, a door thereto, an ejecting device,
 105 a spring-actuated plate in said receiver adapted to press the cartridges toward the ejecting device, and a rod having two buttons the one adapted to engage the door, the other to engage the spring-plate, the engagement of the
 110 door and plate being alternative for the purpose set forth.

In witness whereof I have signed this specification in the presence of two witnesses.

ANDRÉ PIERRE JULES PHILIPPE JACOBS.

Witnesses:

A. GRAETZ,

GREGORY PHELAN.