

H. C. Bascom.

Charger for Powder-Flask.

N^o 75839

Patented Mar. 24, 1868.

Fig. 1.

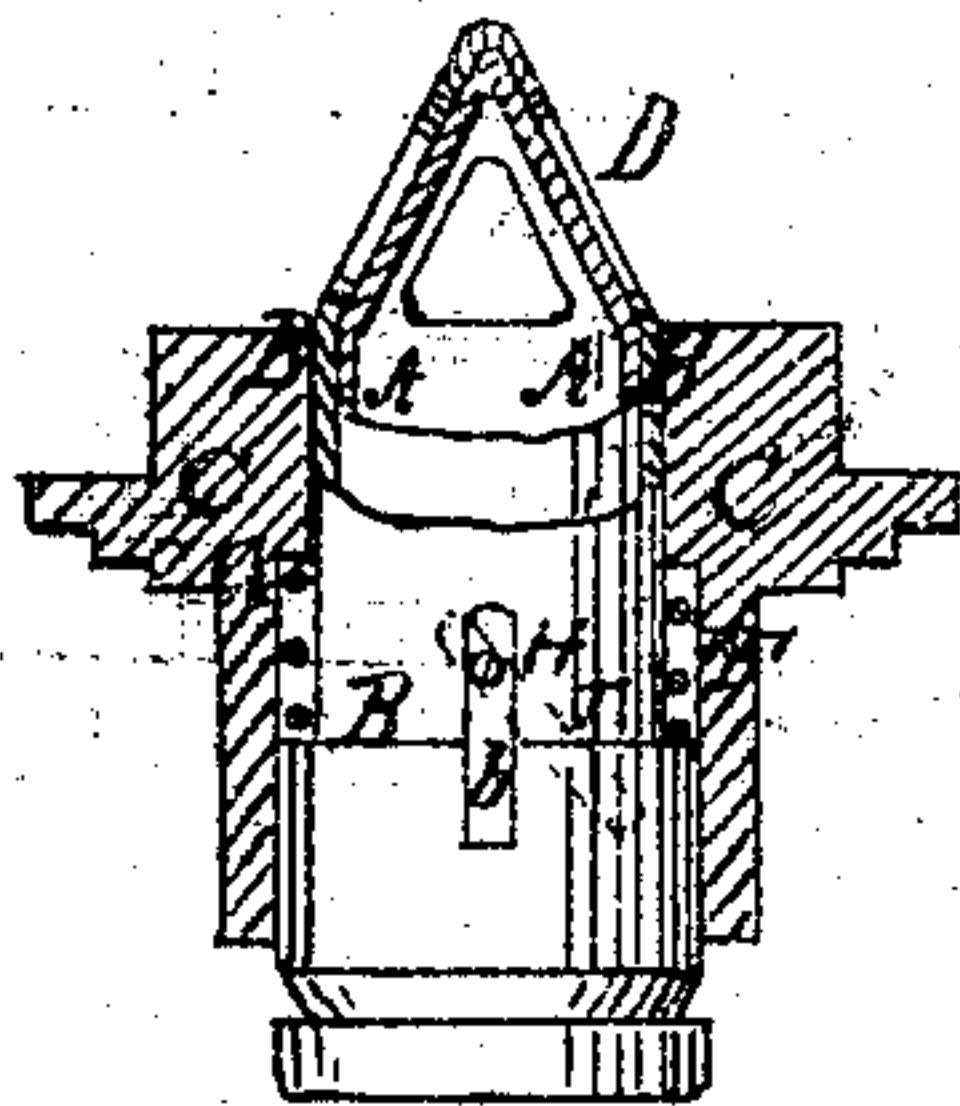
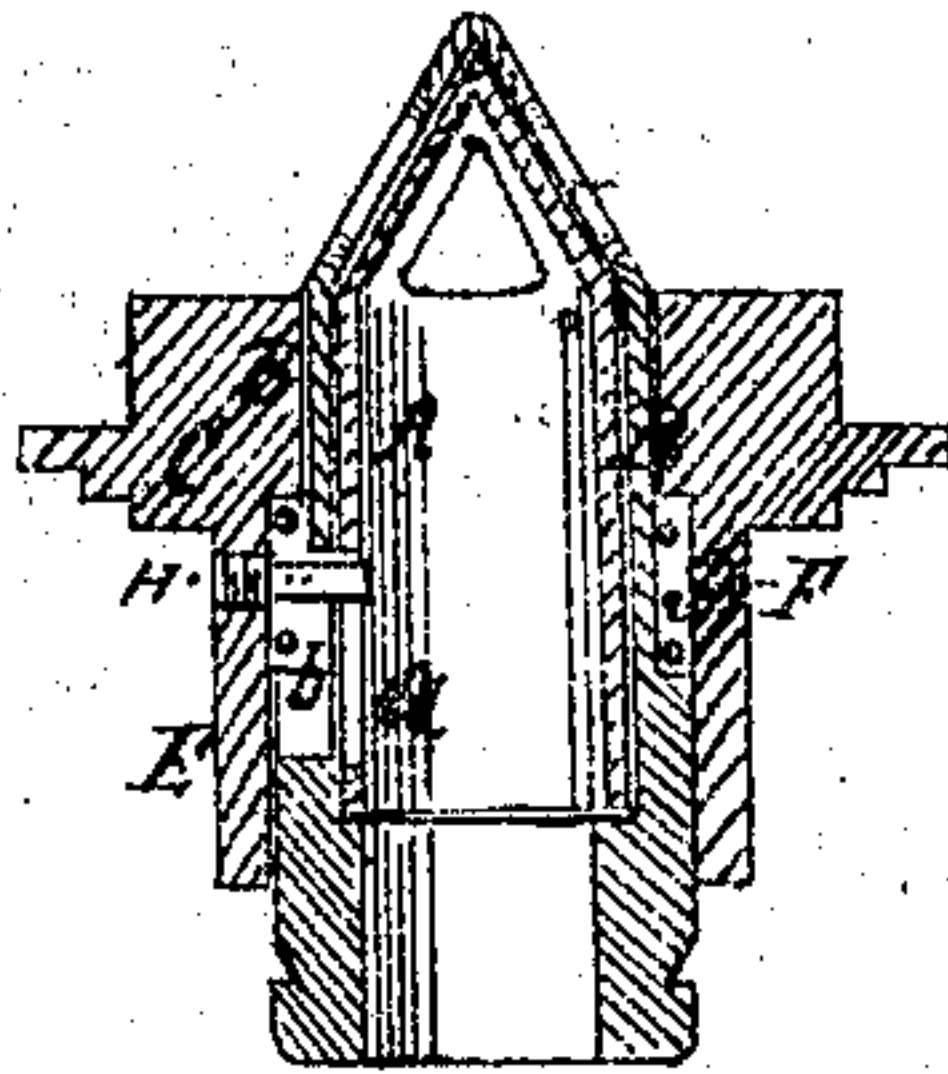


Fig. 2.



Witnesses.

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HENRY C. BASCOM, OF LA CROSSE, WISCONSIN.

Letters Patent No. 75,839, dated March 24, 1868; antedated March 16, 1868.

IMPROVEMENT IN CHARGER FOR POWDER-FLASKS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, HENRY C. BASCOM, of La Crosse, in the county of La Crosse, and State of Wisconsin, have invented a new and improved "Powder-Flask Top or Charger;" 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.

The object of this invention is to produce a powder-flask charger for fire-arms that is quick and secure in its operation, not liable to get out of order, and that can be operated by the pressure of one finger, doing away with the use of a thumb-piece and a thumb to operate it with, as is now the case with the ordinary powder-flask top or charger. In the accompanying plate of drawings my improved charger is illustrated, the

Figures 1 and 2 being central sections through the charger in the direction of its length, but in planes respectively at right angles to each other.

Similar letters of reference indicate like parts.

The charger embraced in this invention consists of two tubes, A and B, one inside of the other, but attached together, by connection with the mouth-piece C, at one end, and partially-open conical ends, D, at the other. One of these tubes, A, has a spiral slot, *a*, in it, by which the tube is susceptible of being turned partly around the other tube, B, with a longitudinal slot, *b*, in the other to prevent it from turning around. These tubes A and B are enclosed partly in a case or shell, E, between which shell and the tubes is a spiral spring, F, acting between the base of the shell or case E, and against a projection or shoulder, G, of the mouth-piece C of the charger. The spring F serves to push out the mouth-piece and tubes to their proper distance or position when there is not a sufficient amount of pressure applied to the mouth-piece to overcome the resistance of the spring. H, a screw-pin, secured to the case or shell by a thread. This pin H projects through the longitudinal slot in the outer tube, and into the spiral slot in the inner tube, and, when pressure is applied to the mouth-piece, one tube is caused to turn partly around, and the other to move in without turning; by the said pin acting on the two slots, and consequently the two openings in the respective ends of the tubes are brought opposite each other, so that the powder may run into the inner tube, when, by partially removing the pressure of the finger upon the mouth-piece, the spiral spring forces out the tubes and mouth-piece, and the openings at the conical ends of the tubes are thereby closed. The charger or top is to be secured to a flask in the ordinary manner by a screw-thread on a projection from the base of said thread.

The mode of operation is as follows: The charger having been attached to a flask for powder, grasp the flask with one hand, with the mouth-piece down, and place the ball of one finger upon the mouth-piece in such a manner as to cover the opening, when, pressing the mouth-piece inward its proper distance, or so far as it yields readily to the pressure, the openings in the inner or conical ends of the tubes are thereby brought opposite each other, and the powder will consequently run into the inner tube, when, slightly relieving the pressure of the finger until the spring forces out the "sliding charger," or tubes and mouth-piece, the proper distance, entirely closes the openings in the tubes, with the finger still covering the opening. Then turn the flask so the said opening in the mouth-piece shall be up, and removing the finger, pour the powder into the fire-arm, and the operation is completed.

Some of the advantages of my invention are, that, instead of its being necessary to grasp the flask in just such a manner, as in the old way, in order that the thumb-piece may be reached and operated by the thumb, and a finger placed upon the opening in the mouth-piece, my charger can be operated readily without regard to the position of the hand, providing the ball of one finger is placed upon and covers the opening in the mouth-piece, thus dispensing with the use of a thumb-piece and a thumb to operate it with, both of which are needed in the ordinary charger. Also, by having a conical end or opening, the powder is permitted to run into the charger quicker than if the opening were flat, and at the same time the conical point of the tube penetrates and enters the powder more easily, and also prevents it from becoming packed so closely as it would if there were nearly a flat surface for it to rest on, and then move through when an opening was made.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the inner tube A, provided with the spiral slot *a*, the outer tube B, provided with the

longitudinal slot *b*, and the screw-pin H passing through both slots, all constructed and operating as described, whereby the pressure upon the mouth-piece C pushes forward the tube B in a longitudinal direction, and partially rotates the inner tube A, causing the perforations in the ends D of said tubes to register for discharging the powder, as herein shown and described.

HENRY C. BASCOM.

Witnesses:

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