J. COVODE.

POWDER-FLASK.

No. 192,977. Patented July 10, 1877.

Fig 1

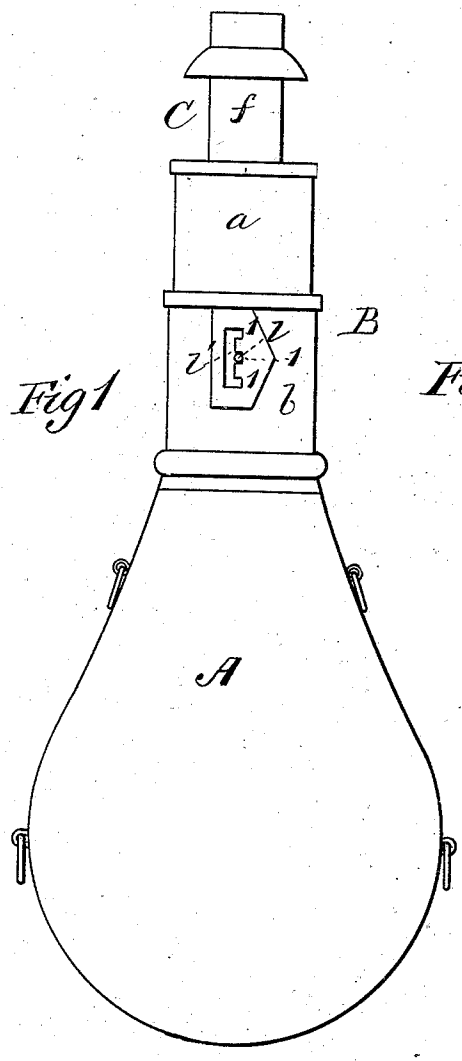


Fig 2

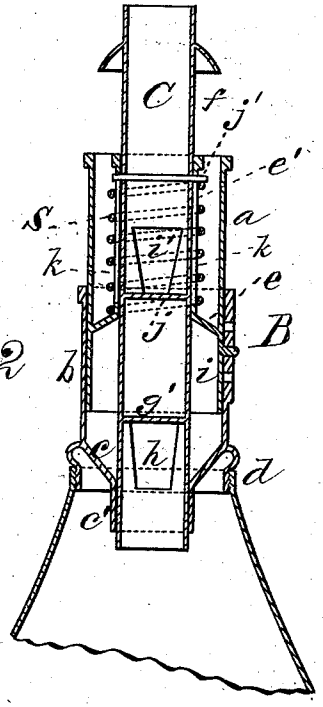
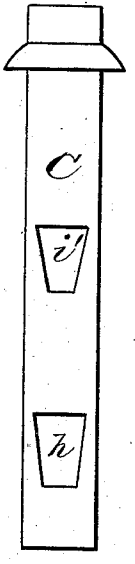


Fig 3



WITNESSES

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JACOB COVODE, OF HIAWATHA, KANSAS.

IMPROVEMENT IN POWDER-FLASKS.

Specification forming part of Letters Patent No. **192,977**, dated July 10, 1877; application filed May 19, 1877.

To all whom it may concern:

Be it known that I, JACOB COVODE, of Hiawatha, in the county of Brown and State of Kansas, have invented a new and valuable Improvement in Powder-Flasks; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my improved powder-flask. Fig. 2 is a vertical central section thereof, and Fig. 3 is a detail view of the charging-tube.

This invention has relation to improvements in powder-flasks for charging fire-arms or cartridge-shells; and it consists in the arrangement and novel construction, in connection with a powder-flask, of a chambered collar, an actuating-spring, and a perforated diaphragmed charging-tube, as hereinafter fully shown and described.

In the annexed drawings, the letter A designates an ordinary powder-flask, to which is screwed, in the usual manner, a preferably cylindrical metallic neck, B. This neck is composed of two telescoping sections, *a b*, the former being extensible relative to the latter. The lower section is provided with a funnel, *c*, the neck *c'* of which is cylindrical, and extends down into the neck *d* of the said flask. The upper section has, also, a funnel, *e*, the cylindrical tubular neck *e'* of which extends up concentric with the said section to or nearly to its upper edge. C represents a metallic tube, that extends through the collar B from end to end thereof, and projects sufficiently beyond its free edge, as shown at *f*, Fig. 1. This tube fits snugly in the necks *c' e'* of the upper and lower funnels, and forms with the collar aforesaid a chamber, *i*, of annular form between the said necks. The charging-tube is open at its lower end, and it is provided above the neck *c'* and below a diaphragm, *g'*, with an aperture or opening, *h*, that allows the powder to flow through the open end of the charger into the chamber *i* aforesaid, it being understood that the flask is to be worn mouth downward. The end of the charging-tube is then inserted into the muzzle of the gun and pressed inward, thus bringing a second opening or openings, *i'*, in the said tube above a diaphragm, *j*, with its upper edge engaged in the chamber *i*, when the powder will be discharged into the barrel.

When the charging-tube is thrust inward its lower opening or openings *h* will descend below the upper end of the lower neck; consequently the charge may be safely poured into the barrel of the gun without fear of overloading.

The charging-tube is returned to its normal position through the recoil of the spring S. This latter is compressed, during the inward movement of the charging-tube, by means of a pin, *j'*, extending diametrically through tube C, with its ends working in longitudinal slots *k* in the neck of the upper funnel, and bearing upon the upper whirl of the said spring. This latter is seated in the space between the upper section of the collar and the corresponding funnel-neck.

The upper section *a* is connected with the lower section *b* by means of a pin, *l*, that works in a longitudinal slot, *l'*, of the latter, by which means the size of the chamber, and, consequently, the quantity of the charge, may be increased or lessened, as desired.

The slot *l* will have on one or both vertical edges spaced notches 1, into which the pin may be shifted by imparting a slight turn to the upper section. These notches indicate each a different charge.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a powder-flask, the combination, with the central sliding tube, having the end inlet and side openings shown, of the adjustable-neck cylinder, forming the top of the charge-chamber, and its annular spring-seat chamber surrounding said central tube, and the encircling spring seated therein, substantially as specified.

2. The charging device consisting of a diaphragmed tube open at its extreme end, and having openings above and below the diaphragm, and provided with a spring encir-

cling its body at or near the top, the same being secured by means of pin *j'*, said pin extending diametrically across the tube, its ends bearing on slots, in combination with the flask A and collar B, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JACOB COVODE.

Witnesses:
A. A. HOLMES,
E. C. WORK.