

(No Model.)

P. O. KESSLER.
CARTRIDGE SHELL.

No. 283,118.

Patented Aug. 14, 1883.

Fig: 1.

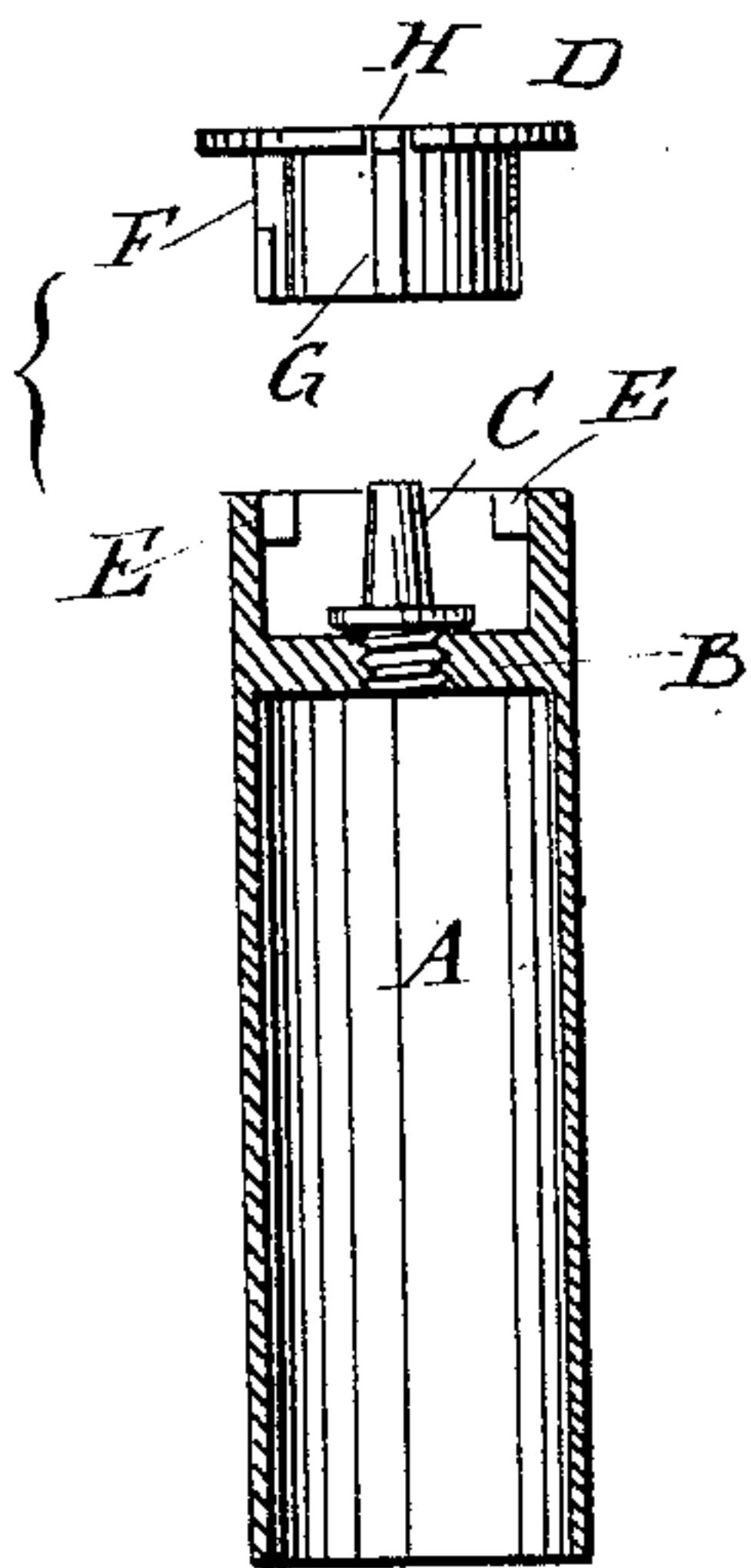


Fig: 2.

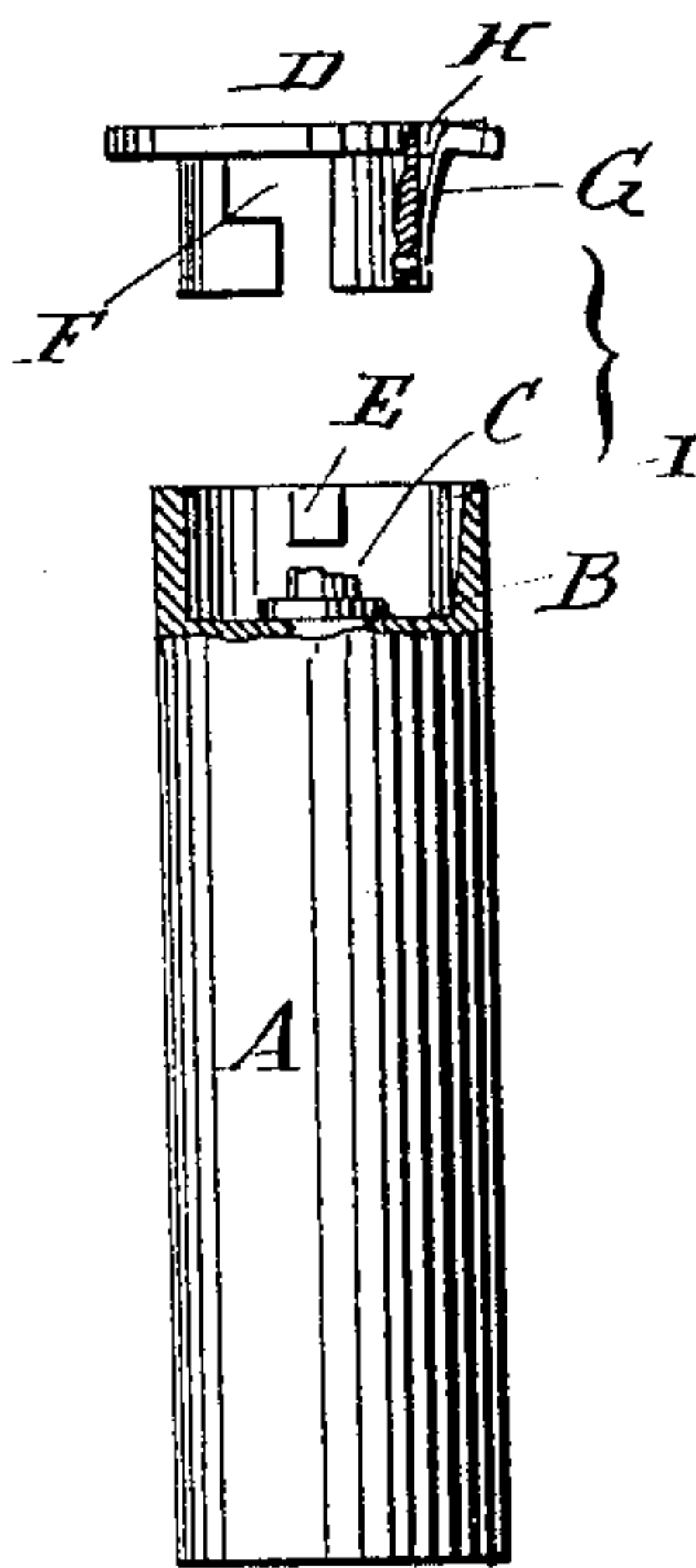


Fig: 5.

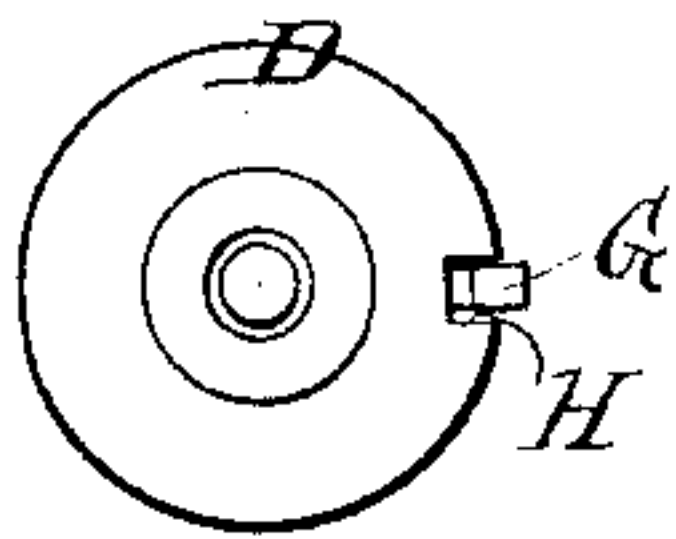


Fig: 3.

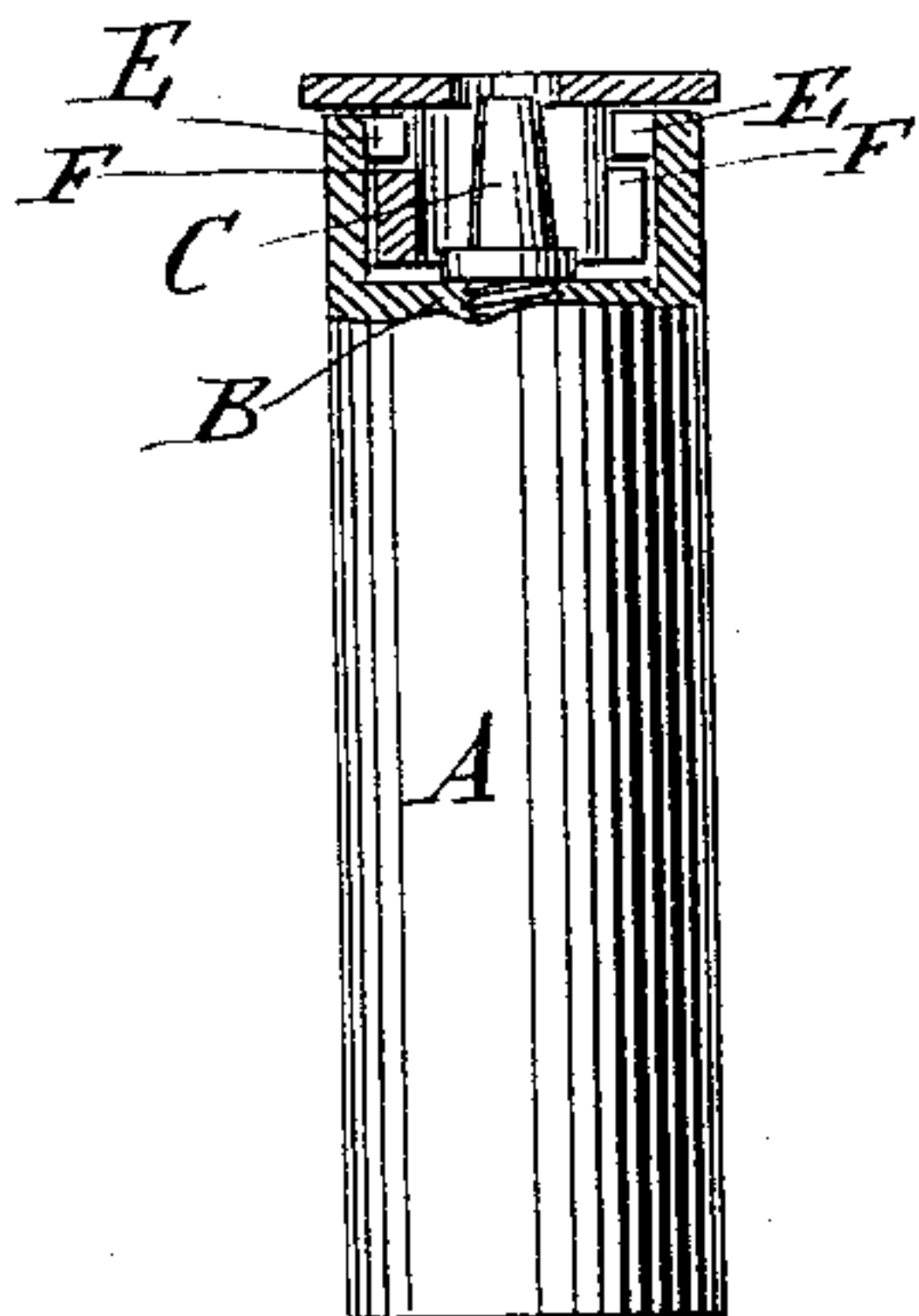


Fig: 6.

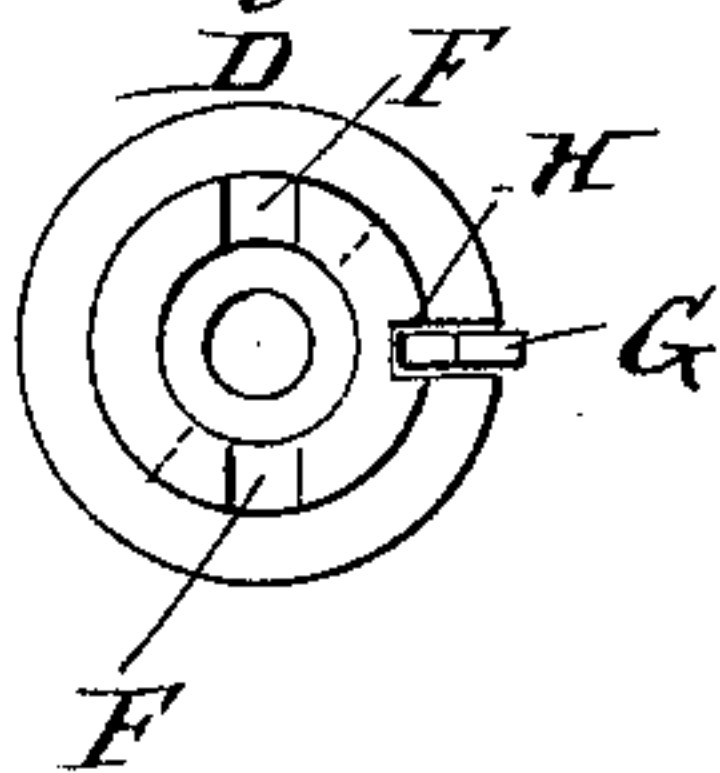


Fig: 4.

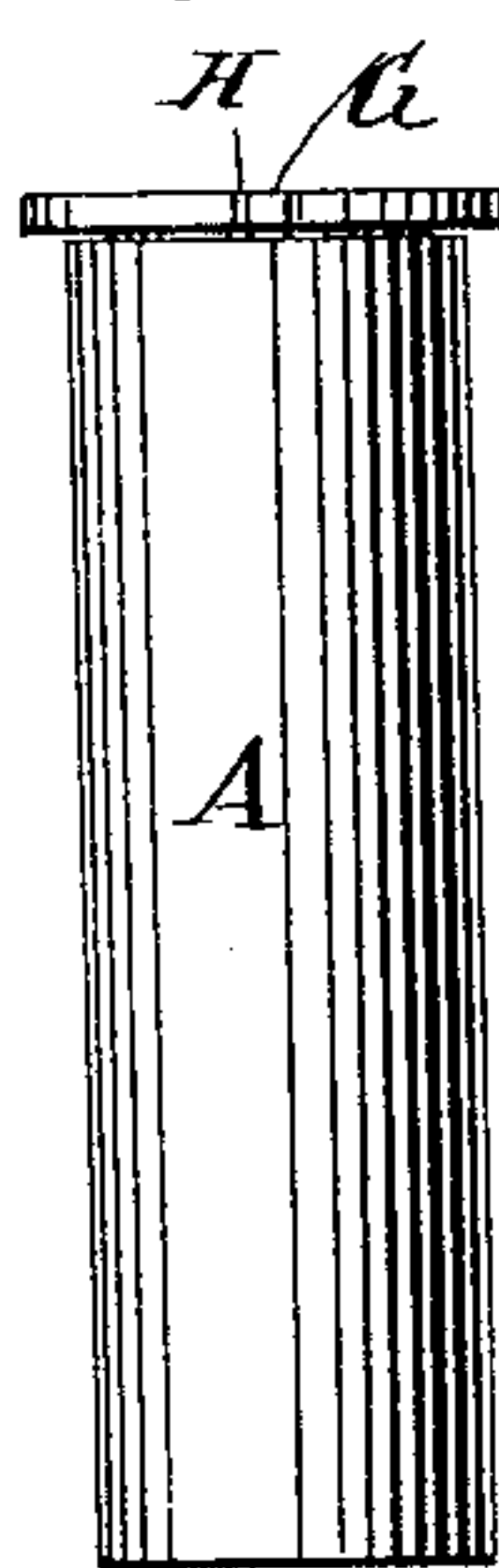
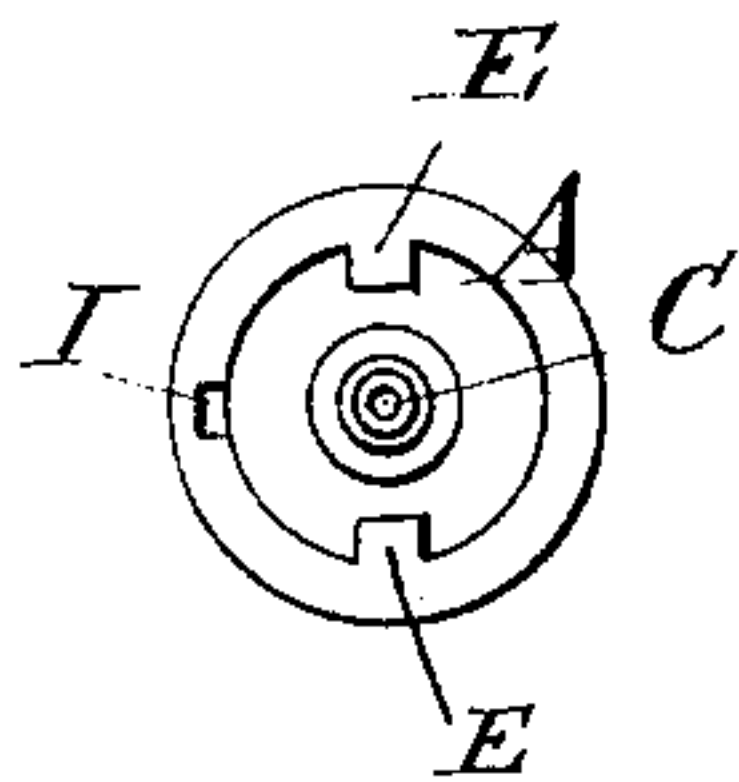


Fig: 7.



WITNESSES:

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UNITED STATES PATENT OFFICE.

PAUL OTTO KESSLER, OF DARIEN, GEORGIA.

CARTRIDGE-SHELL.

SPECIFICATION forming part of Letters Patent No. 283,118, dated August 14, 1883.

Application filed November 14, 1882. (No model.)

To all whom it may concern:

Be it known that I, PAUL OTTO KESSLER, of Darien, in the county of McIntosh and State of Georgia, have invented a new and useful Improvement in Cartridge-Shells, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional side elevation of my improvement, the cover being shown in side elevation and raised from the shell. Fig. 2 is a side elevation, partly in section, of the same turned one-quarter around. Fig. 3 is a side elevation of the same, partly in section, and showing the cover in place. Fig. 4 is a side elevation of the same. Fig. 5 is a plan view of the cover. Fig. 6 is an under side view of the cover. Fig. 7 is a plan view of the body of the shell.

The object of this invention is to facilitate the recapping of cartridge-shells.

The invention consists in a cartridge-shell constructed with lugs upon the inner surface of its base and angular slots in the flange of the cover, and provided with a spring-catch, whereby the cover will be held from being drawn off the shell and will be locked from turning, as will be hereinafter fully described.

A represents the body of a cartridge-shell, which is made with a cross-partition, B, near its rear end, in the ordinary manner. The partition B has a screw-hole in its center to receive the nipple C.

D is the cover, the flange of which fits into the base of the shell A. In the center of the cover D is formed a hole for the hammer of the gun to pass through to come in contact with the cap placed upon the nipple C.

Upon the inner side of the edge of the base of the shell A are formed two lugs, E, which enter the angular slots F in the flange of the cover D, forming a bayonet-clutch, so that when the cover D has been pressed down upon

the shell A and turned partly around, so as to bring the lugs E into the horizontal parts of the slots F, the said cover will be held from being drawn off.

Additional security can be given to the cover D by a spring, G, placed in a groove, H, in the outer surface of the flange of the said cover D, and secured at its lower end to the said flange. The spring G is made of such a length that its upper end will rest in the upper end of the groove H in the cover D. The spring G is so formed that its upper part will incline outward, as shown in Fig. 2, so as to enter a groove, I, in the inner surface of the base of the shell A, and thus lock the said cover from turning. The spring-catch G can be pushed inward to release the cover D and allow the bayonet-clutch to be disengaged by pressing the upper end of the said spring inward with a finger-nail.

With this construction the cover D will be held securely in place, and can be readily removed to recap the nipple C.

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

1. In a cartridge-shell, the combination, with the shell having the internal lugs at its upper edge, of the cover provided with angular slots, and a spring-catch adapted to engage with the shell and to project beyond the outer edge of the cover, substantially as and for the purpose set forth.

2. In a cartridge-shell, the combination, with the shell having the internal lugs at its upper edge, of the cover provided with angular slots, and a spring-catch adapted to engage with the shell and to project beyond the outer case of the cover, said cover having a groove in its flange, and the shell having a groove in its inner side, substantially as and for the purpose set forth.

PAUL OTTO KESSLER.

Witnesses:

NATHAN JACOBSON,
JOHN T. RELIHAN.