

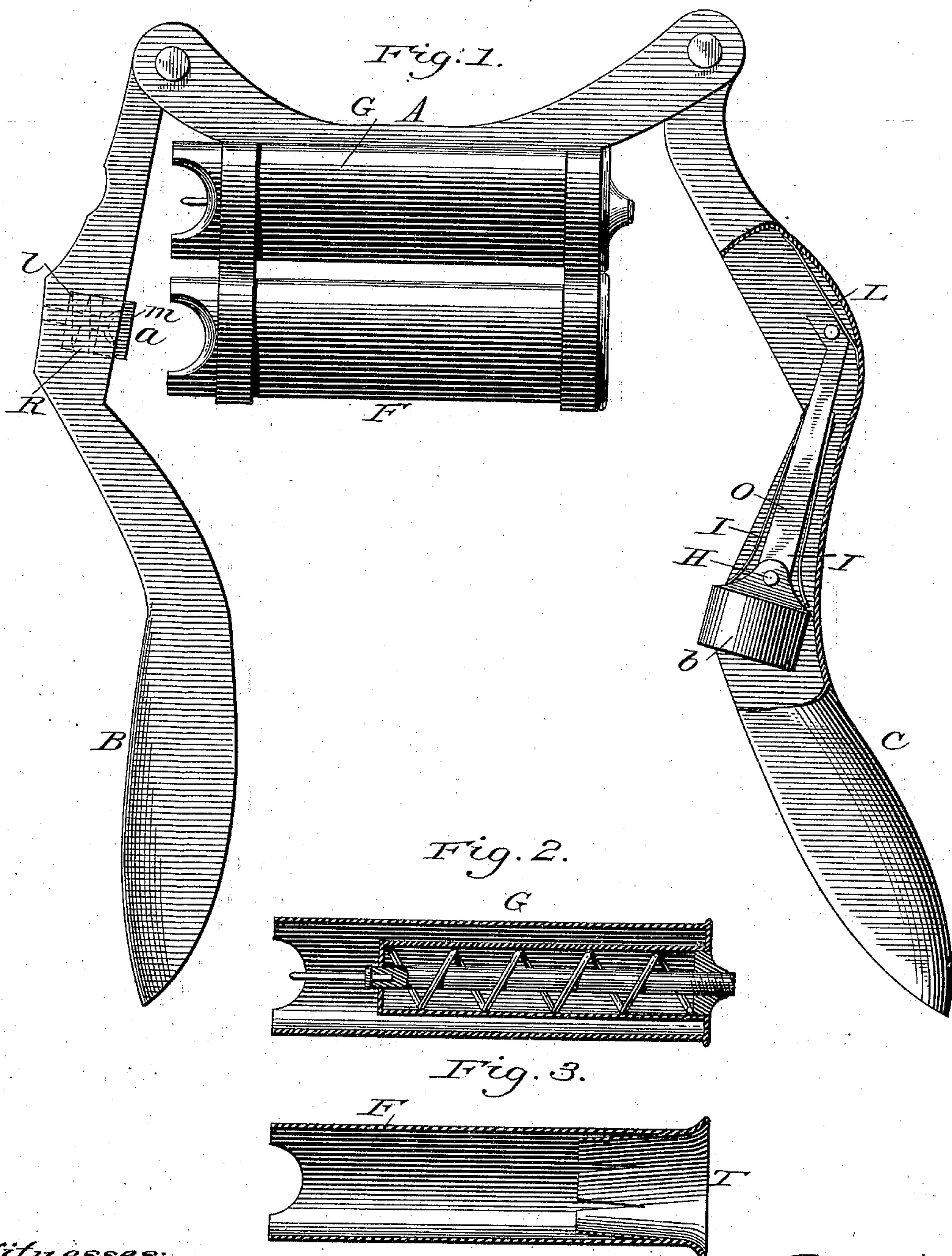
(No Model.)

S. McNEILL.

CARTRIDGE DECAPPER, RECAPPER, AND RELOADER.

No. 335,231.

Patented Feb. 2, 1886.



Witnesses:

Jas. I. Gilbert
Harry A. Feld

Inventor:

Solomon McNeill,
per H. F. Rohde, his
attorney

UNITED STATES PATENT OFFICE.

SOLOMON McNEILL, OF BURLINGTON, IOWA, ASSIGNOR OF ONE-HALF TO
O. H. DENISE, OF SAME PLACE.

CARTRIDGE DECAPPER, RECAPPER, AND RELOADER.

SPECIFICATION forming part of Letters Patent No. 335,231, dated February 2, 1886.

Application filed July 2, 1885. Serial No. 170,544. (No model.)

To all whom it may concern:

Be it known that I, SOLOMON McNEILL, a citizen of the United States, residing at Burlington, in the county of Des Moines, State of Iowa, have invented a new and useful Improvement in Cartridge Decappers, Recappers, and Reloaders, (of Letters Patent No. 294,865, dated March 11, 1884, granted to Falconer Giffard, and Wm. Penrose, and Solomon McNeill, assignors,) of which the following is a specification.

My invention relates to improvements in cartridge decappers, recappers, and reloaders, which is fully set forth and described in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of the entire device with part of the handle C cut away to show the ramrod. Fig. 2 is a vertical cross-section of shell-chamber G. Fig. 3 is a vertical cross-section of shell-chamber F, showing wad-guide T.

Similar letters indicate similar parts throughout the several views.

The object of my invention is to provide the cartridge decapper, recapper, and reloader with a ramrod, self-adjusting to the shell-chamber, so as to load true. I accomplish this by providing the ramrod with a flexible piston-head, as hereinafter more fully described.

In the drawings, A is a support. B and C are handles. G and F are shell-chambers, fastened in support A. The capper is a pin or anvil, *a*, in the center of a recess, R, in handle B, around which a washer, *m*, plays, and is forced out by a spiral spring, *l*, from behind it, thus forming a cavity over the pin *n* to receive the cap, hold it in place, and conduct it to the cavity in the shell. The load is put into the shell from the opposite end, and

the shell-chamber F has at this end the wad-guide T, as shown in the drawings. By the use of the ramrod O the wad is placed in position. The ramrod O is hinged at its upper end in handle C, where spring L, in conjunction with a shoulder on this upper end of ramrod O, keeps the ramrod O either in the position resting against the handle C, as shown in the drawings, or in the position at right angles, or nearly so, to the handle C.

Ramrod O has the piston-head *b*, which is, as shown at H, hinged in any suitable manner to the rod O. By means of springs I and I, or in any other suitable manner, the piston-head *b* is kept in a straight line with the rod O; but by means of a slight pressure from either side it will yield and assume other positions, thus adjusting itself to the shell-chamber.

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

1. A cartridge implement consisting of the shell-holder and handles pivoted thereto, one of said handles having a ramrod provided with a self-adjusting piston-head, as set forth.

2. In a cartridge implement, the combination of the shell-holder and the handles pivoted thereto with the piston-head and ramrod, the former pivoted to the latter and the latter to one of the handles, and the springs I I, located one on each side of the ramrod and bearing on the self-adjusting piston-head, and the spring L, located at the pivoted end of the ramrod and normally retaining it closed against the handle, as set forth.

SOLOMON McNEILL.

Witnesses:

R. H. JACOBS,
JOSEPH STRODEL.