R. H. POOLER & W. T. JONES.

Cartridge-Holder.

No. 202,463. Patented April 16, 1878.

Fig. 1.

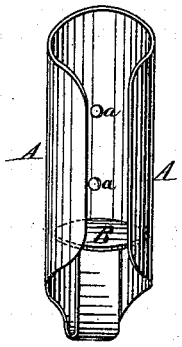



Fig. 2.

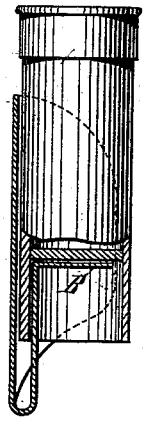



Fig. 5

Fig. 4.

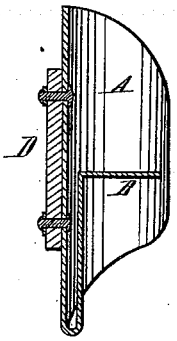
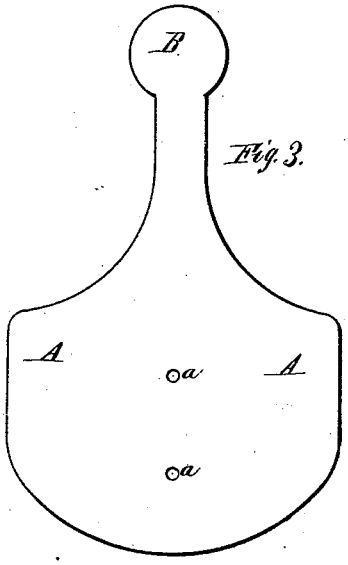



Fig. 3.

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# UNITED STATES PATENT OFFICE.

RHEUBIN H. POOLER AND WILLIAM T. JONES, OF SERENA, ILLINOIS.

## IMPROVEMENT IN CARTRIDGE-HOLDERS.

Specification forming part of Letters Patent No. **202,463**, dated April 16, 1878; application filed February 15, 1878.

*To all whom it may concern:*

Be it known that we, RHEUBIN H. POOLER and WILLIAM T. JONES, of Serena, county of La Salle, and State of Illinois, have jointly invented certain new and useful Improvements in Cartridge-Holders, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 is a perspective view of our improved holder detached from the belt; Fig. 2, an axial section and partial elevation, showing the location of cartridge-case therein. Fig. 3 is a plan of the blank from which the holder is formed. Fig. 4 is a sectional view, illustrating the method of securing the improved holder in position upon the belt. Fig. 5 is an elevation, showing the improved holder as containing a ball-cartridge.

Like letters in all the figures indicate corresponding parts.

The object of our invention is to provide a neat, simple, inexpensive, and efficient holder for cartridges, such as are commonly used in connection with breech-loading fire-arms, which holder shall be capable of being securely fastened to the belt, and afford a secure carrier for metallic as well as paper cartridges, and for those wherein a ball or slug projects from the end, as well as those which carry shot covered by an ordinary wad.

To accomplish all of this, the invention consists in forming the carrier or holder of a strip of sheet metal, peculiarly cut and bent for the particular purpose, as will be hereinafter first fully described, and then pointed out in the claims.

The invention is, in some respects, an improvement upon the device shown in patent granted to Hollabird and Parks, March 2, 1875.

The employment of wire in the formation of the holder necessitates the attachment of some plate, pin, or other device, by means of which said holder may be connected with the belt. Otherwise the holder must be bent into proper shape after some part of it has been passed through the material of the belt.

This latter construction fails to afford the requisite rigidity to the coupling, and is, moreover, expensive and inconvenient to follow out, and requires always that the belt be shipped with the holders. The wire, moreover, fails to afford sufficient bearing-surface to keep the cartridges always in their proper places, especially when the shells are made of paper and ends turned down. The wire ring at top is totally incapable of sustaining any cartridges when loaded full, or even ball-cartridges, under the usual conditions of use of the belt.

A further serious objection to the wire arises from the fact that it is liable to catch and hang to brush and limbs when passing through timber or thickets, &c.

To overcome these several objections we stamp or cut out with dies or other suitable means a blank substantially in the form shown at Fig. 3. This is of one piece of thin and elastic metal. The side pieces A A are curved around the ball or wad-rest B after the latter has been bent to the position shown in the other figures. The elastic side pieces A A are made to bear against the greater portion of the cartridge-shell, and thus give a more extended bearing than can be afforded by the wire ring as previously constructed. This function is especially advantageous in connection with the carrying of metallic cases, since these latter are much more liable to displacement than are those made of paper.

The rest B extends sufficiently above the end of the holder to enter the shell in case, said shell being provided with a wad, as in the case of shot-cartridges. If it be designed to carry a ball-cartridge, the ball is sustained upon piece B, and the pieces A A are amply long to firmly grasp and hold the shell without danger of its dislodgment.

To attach the holder to the belt we provide the blank with two perforations, *a a*, one above the other, and in these perforations the ordinary rivets may be inserted. The belt is, of course, similarly perforated, and the attachment is quickly and easily made by heading the rivets upon the inner side of the belt. This method of union is the simplest, best, and safest. By its adoption there is little or no danger of the holder becoming displaced. It enables us to employ a belt of any desirable character, and more especially to furnish the holders separate from the belt.

The flat form of the blank affords increased facilities in shipping the holders, which may be readily bent by the purchaser, and as readily attached to the belt.

Of course, it is intended to attach a number of the improved holders to one belt, after the usual custom. It has not, therefore, been deemed necessary to represent more than a section of the belt as so applied.

As thus constructed and attached the holder will be found secure and efficient. Its union with the belt is of the most stable character, and the extended sides which encircle the cartridge, aside from their capabilities of holding the cartridge firmly, operate as a protection to the case of the cartridge, which is liable, if made of paper, to become scratched or damaged by contact with sand or rocks, &c., if only held by the wire form, and more or less liable to be damaged by water if made of metal. These considerations are material, inasmuch as the breech of the gun is exposed to damage by insertion of a damaged cartridge.

We desire also to acknowledge the previous existence of sheet-metal holders, to which alone we lay no claim.

In all the forms of which we have knowledge there appears either the fatal defect of sustaining the cartridge with the muzzle or shot end uppermost, (which is naturally and properly objected to by the wearer,) or else the fastening device and special form of the holder have been such as to require frequent repairs on the one hand or unnecessary expense in the manufacture on the other.

As before intimated, the form of the sheet-metal blank is such as to enable us to furnish an incomplete holder at trifling expense, which, since the blank is in one piece, has only to be bent into proper shape by the purchaser.

Having thus fully described our invention, we will add that we do not desire to be understood as laying any claim to the spring-holder or to the wad-sustainer, or, in fact, to both combined in one device; but

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

1. The herein-described sheet-metal blank for cartridge-holders, the same being composed of a single piece, and having the ten elastic side pieces A A intended to encircle the cartridge, the disk B for sustaining the wad or ball united with said side pieces, the blank being perforated, as at *a a*, for the reception of ordinary rivets, substantially as shown and described.

2. In combination with the belt D, the herein-described cartridge-holder, made from the sheet metal, as described, and having the extended elastic sides A A for encircling the cartridge, and the disk B, adapted to enter the cartridge-case and support the wad, said holder and belt being united by means of ordinary rivets, as and for the purposes explained.

In testimony that we claim the foregoing we have hereunto set our hands in the presence of two witnesses.

RHEUBIN H. POOLER.
WILLIAM T. JONES.

Witnesses:
T. W. CHASE,
N. W. JOHNSTON.