

B. L. BUDD.

FIELD WIPER FOR GUNS.

No. 190,124.

Patented May 1, 1877.

Fig. 1.

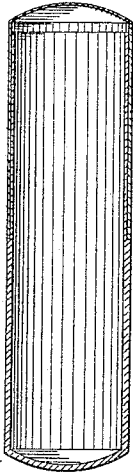


Fig. 2.

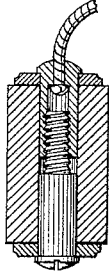


Fig. 3.

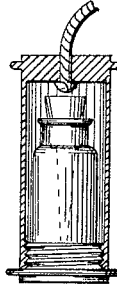


Fig. 4.

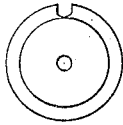


Fig. 5.



Fig. 6.

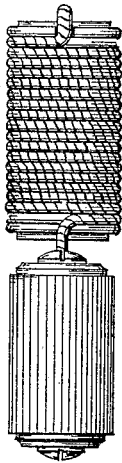
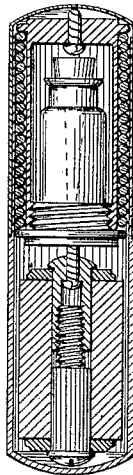


Fig. 7.



Witnesses,
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UNITED STATES PATENT OFFICE.

BERN L. BUDD, OF FAIRFIELD, CONNECTICUT.

IMPROVEMENT IN FIELD-WIPERS FOR GUNS.

Specification forming part of Letters Patent No. **190,124**, dated May 1, 1877; application filed March 16, 1877.

To all whom it may concern:

Be it known that I, BERN L. BUDD, of the town and county of Fairfield, in the State of Connecticut, have invented a new and useful Improvement in Field-Wipers for Guns, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

This invention relates to that class of implements for cleaning guns or rifles which the sportsman may take with him into the field, and in cases where game is plenty and the shooting frequent, and when the gun becomes foul, and, as a consequence, the accuracy of fire is impaired, he is enabled without returning to headquarters, where his regular cleaning-case is kept, to resort to this small compact kit, which he carries in his belt, game-sack, or pocket, to thoroughly cleanse his gun, and in a single minute render his piece again ready for effective work.

On the 19th day of September, 1876, Letters Patent were granted me for an improvement in gun-cleaners, in which, among others, I was allowed a claim for a cylinder of prepared felt mounted upon a metal shank, and adapted for attachment to a string, &c.

The present invention is, so to speak, a continuation of the one referred to.

At the time the patent referred to was allowed the weight was a simple perforated bullet. I have since improved on this, and have now made what I call the "sportsman's field-wiper," and have so modified the weight as to make it answer several useful and desirable purposes. For instance, I first so form the weight connected by the cord to the felt swab that the two placed end to end will readily fit into a cylindrical case; second, I so form the weight that it is in fact a spool or reel as well, and so flange each end of it that the cord by which it is connected to the swab may be wound upon its surface, and thereby taken up for packing in the case; third, I so form this weight that it may serve as a receptacle for a small vessel of fine oil, which the sportsman should always have at hand to lubricate the pins, springs, &c., of a breech-loading piece; fourth, I so assemble the swab, string, and weight (which last we

have now seen is a spool and oil-vessel as well) that they will fit in a cylindrical case whose interior diameter need be no greater than the diameter of the felt, and forms the compact kit adapted to be carried in the pocket, belt, or game-sack.

Figure I gives a sectional view of the cylindrical case when empty; Fig. II, a sectional view of the felt swab with its perforated metal shank and string attached; Fig. III, a sectional view of the weight, showing the flanges upon the ends and the oil-vessel inside, provided with a small implement attached to the stopper, with which to take up a single drop of oil. Fig. IV shows a view of the top of the weight, the end from which the cord issues. It will be seen that this is a sort of cover as well, fitting over and covering the oil-vessel. In the edge of this is a notch the size of the cord, to catch the cord and start the first turn of it upon the spool. Fig. V shows the oil-vessel contained in the removable bottom of the weight. Fig. VI shows a view of the felt swab attached to the weight by the string, which is wound upon the spool, the two placed end to end, ready for introduction in the case; and Fig. VII represents a sectional view of the whole kit, including case, felt, metal shank, cord, spool, and oil-vessel, as shown, when stowed away in the case and covered up, but ready for instant service.

In some instances it may be advisable to form the spool solid, and not have it a receptacle for an oil-vessel; but for sporting guns and rifles I prefer them the way I have indicated.

The material of which the case and weight are made may be varied. I prefer sheet metal—brass offering decided advantages. They may, if preferred, be afterward plated either with silver or nickel.

The drawings which accompany this specification, taken together with it, will enable any one skilled in the art to reproduce the article, so that a more detailed description seems unnecessary.

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

1. The field-wiper consisting of the swab,

the string, and the weight inclosed in a close-fitting case, all constructed substantially as described.

2. The combination of the swab, the string, and the cylindrical weight, constructed substantially as described, and adapted for inclosure within a close-fitting cylindrical case, as set forth.

3. The cylindrical weight adapted to serve as a spool, upon which the cord connecting it with the swab may be wound, in combination with the said swab and cord, as and for the purpose described.

4. The cylindrical weight flanged at its ends, and with a notch cut in one of the said flanges next to the point of attachment of the cord, substantially as and for the purpose described.

5. The cylindrical weight attached to the swab, and having an internal receptacle for a bottle of oil, and suitable means for opening and closing said receptacle, substantially as described.

6. The cylindrical weight having a removable bottom or end, to which is attached a vessel of oil, substantially as described.

7. The kit herein described, consisting of the felt swab, the metal shank, the cord, the cylindrical weight, and the inclosed vessel of oil, and their close-fitting cylindrical case, substantially as and for the purpose described.

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Witnesses:

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