(No Model.)

J. C. PETMECKY.

CLEANER FOR GUN BARRELS.

No. 289,132. Patented Nov. 27, 1883.

Fig. 1.

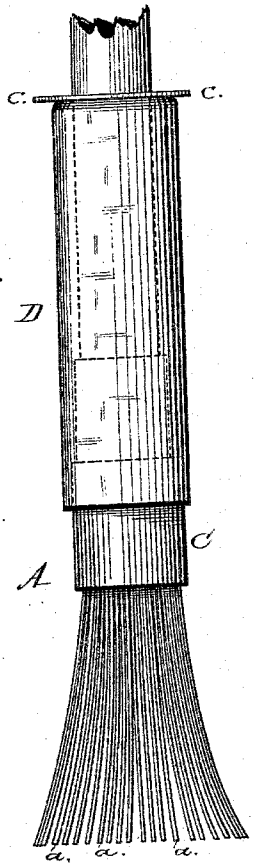


Fig. 2.

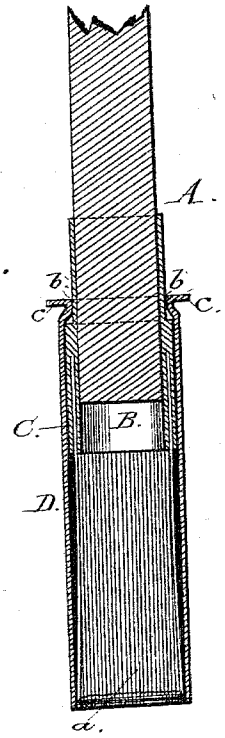
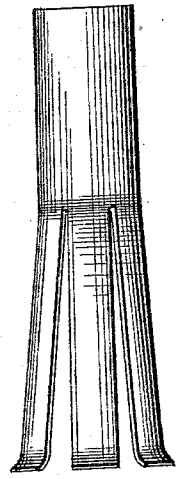


Fig. 3.



Witnesses;
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UNITED STATES PATENT OFFICE.

JOSEPH C. PETMECKY, OF AUSTIN, TEXAS.

CLEANER FOR GUN-BARRELS.

SPECIFICATION forming part of Letters Patent No. 289,132, dated November 27, 1883.

Application filed September 26, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH C. PETMECKY, a citizen of the United States, residing at Austin, in the county of Travis and State of Texas, have invented certain new and useful Improvements in Cleaners for Gun-Barrels; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention is an improvement in gun-cleaning implements.

It consists of a brush or cleaner formed in the main of spring metal, (preferably of brass,) and provided with bristles beveled at their free ends, so set in suitable holding parts as that when unconfined said bristles will move outward from a common axis and bear against the inner surface of a gun-barrel when placed within the same.

It consists, also, of a metallic cylindrical clasp provided at one end with flanges adapted to fit over the body and bristles of said cleaner to hold the latter to a confined position while the brush or cleaner is being placed in the barrel of a gun to be cleaned.

In my drawings, Figure 1 is an elevation of the cleaner with the bristles in a normal position. Fig. 2 is a sectional view of the device complete and placed within the barrel of a gun. Fig. 3 shows a modification of the cleaner.

Similar reference-letters indicate like parts in all of the figures.

Referring to the drawings, A is the cleaner, formed of cylindrical tubing tempered to a spring-temper and cut radially to form bristles *a*, beveled at their lower or free ends to form cutting-edges. The bristles *a* are interposed and secured between the socket-cylinder B and an encircling-band, C. A metallic cylinder, D, having an outer diameter equal to the gun-barrel with which it is to be used, has an inner flange, *b*, and an outer one, *c*, and serves as a jacket or clasp to confine the bristles *a* while the cleaner is being placed in the muzzle of the barrel. When in position in the barrel, the inner flange of the clasp D bears upon the band C, while the outer flange, *c*, rests upon the end of the gun-barrel.

In operating the cleaner or brush after the device is placed in the barrel, the said brush A is forced outside of the cylindrical clasp until the bristles *a* spring against the inner surface of said barrel. The cleaner is now forced inward, and then moved back and forward, in the usual way, to free the entire barrel of lead, caked powder, and other accumulated refuse matter.

An important point in my cleaner is the beveling of the free ends of the bristles *a*, so that a chisel-edge may be presented constantly to the inner surface of the barrel while the said cleaner is at work.

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

1. A gun-cleaner consisting of two metallic tubes, placed one inside the other and firmly united, and a circle of spring-scrapers having one end inserted between the tubes and held there.

2. A gun-cleaner provided with spring-scrapers formed to fit the interior of the gun-barrel, in combination with a sheath or case removably placed thereon, said sheath or case being provided with a ledge on its upper end, which rests on the outer or muzzle end of the gun-barrel and holds the sheath while the cleaner is passed down the barrel.

3. A gun-cleaner having spring-scrapers for cleaning the inside of the barrel, and provided with an extension near its upper end, in combination with a sheath or case provided with an exterior ledge for resting on the muzzle of the gun and an interior ledge for engagement with the extension on the cleaner, whereby the sheath is held at the muzzle of the gun while the cleaner is thrust into the barrel, and both cleaner and sheath are removed together, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH C. PETMECKY.

Witnesses:
T. R. PEARCE,
W. M. ROBERTSON.