

A. E. BARTHEL.
Combined Gun-Tool and Whistle.

No. 202,136.

Patented April 9, 1878.

Fig. 1.

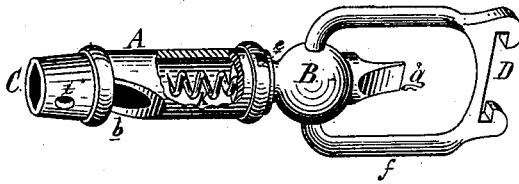
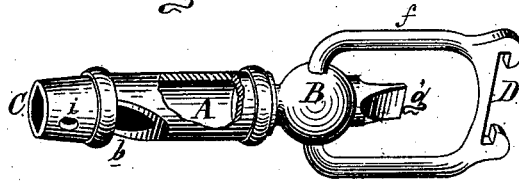


Fig. 2.



Attest
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UNITED STATES PATENT OFFICE.

ALBRECHT E. BARTHEL, OF DETROIT, MICHIGAN.

IMPROVEMENT IN COMBINED GUN-TOOL AND WHISTLE.

Specification forming part of Letters Patent No. **202,136**, dated April 9, 1878; application filed April 11, 1877.

To all whom it may concern:

Be it known that I, ALBRECHT EDWARD BARTHEL, of Detroit, in the county of Wayne and State of Michigan, have invented a Combination Gun-Tool and Dog-Whistle, of which the following is a specification:

My invention has for its object to combine, in a single compact tool for sportmen's use, a dog-whistle, screw-driver, socket-wrench, and shell-extractor, with or without the addition of a corkscrew, most of which will be found useful, if not essential, in the field.

Figures 1 and 2 are perspective views, showing the tool with and without the corkscrew.

In the drawing, A represents a metal cylinder, closed at one end by a screw-bulb, B, having an oval pendant, *f*, sprung into sockets in its sides. The outer part of the pendant is formed with a flat bar, D, with a diagonal hook at each end, to span the base of a center-fire shell and grasp its flange in order to withdraw it from the gun in case it should stick and the gun-retractor fail to remove it, as frequently occurs.

The outer end of the bulb is formed into a screw-driver, *g*, which may be turned by the pendant *f*.

The other end of the cylinder is formed into a whistle by cutting into the notch *b*, and forming a mouth-piece, whose interior is a hexagonal socket-wrench, C, to fit the nut which secures the firing-pin of a center-fire breech-loading gun. To turn this nut, the bulb is first unscrewed and the bar D laid in a transverse slot, *e*, cut in the other end of the cylinder, using the pendant as a lever to turn it.

A hole, *i*, is drilled into the mouth of the whistle to slip over the pin of a pin-fire shell and draw it out of the gun.

A corkscrew, K, Fig. 1, is permanently secured to the inner end of the bulb; but if the sportsman is one of the very few who never thirst in the field, nor become sick enough to require the carrying of a flask of tonic or medicine, it may be omitted, as seen in Fig. 2.

What I claim as my invention is—

The combined whistle, screw-driver, socket-wrench, shell-extractor, and corkscrew, constructed substantially as represented and described.

ALBRECHT E. BARTHEL.

Witnesses:

H. S. SPRAGUE,
GEO. WEDZER.