

C. C. BARTLETT.

COMBINATION PUTTY-KNIVES AND SCREW-DRIVERS.

No. 180,187.

Patented July 25, 1876

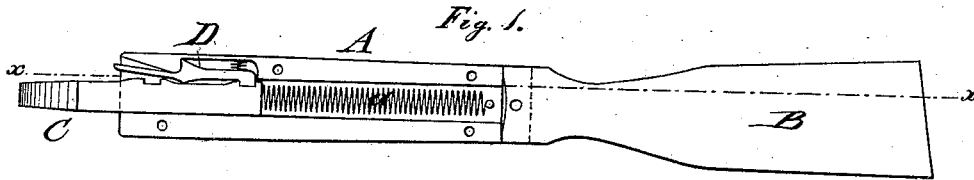
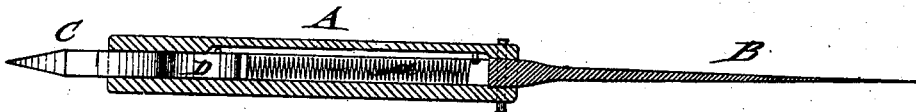


Fig. 2.



Fig. 3.



WITNESSES:

H. Rydquist.
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INVENTOR:

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UNITED STATES PATENT OFFICE.

CHARLES COLLINS BARTLETT, OF MEDFORD, MASSACHUSETTS.

IMPROVEMENT IN COMBINATION PUTTY-KNIVES AND SCREW-DRIVERS.

Specification forming part of Letters Patent No. **180,187**, dated July 25, 1876; application filed February 28, 1876.

To all whom it may concern:

Be it known that I, CHARLES C. BARTLETT, of Medford, Middlesex county, Massachusetts, have invented a new and Improved Combination Putty-Knife and Screw-Driver, of which the following is a specification:

Figure 1 represents a top view, with covering-plate detached, of my improved putty-knife and screw-driver combined. Fig. 2 is an end view, and Fig. 3 is a vertical longitudinal section, of the same in line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to a combination of putty-knife and screw-driver, for painters, &c., to be used in opening doors where there are no knobs, and also in taking off knobs, escutcheons, &c., making thereby an implement, that has of necessity to be carried along by painters, of greater usefulness.

The invention consists in combining a putty-knife and screw-driver in one implement, securing the sliding and spring-acted screw-driver to the handle when not in use.

In the drawing, A represents the handle of my improved putty-knife and screw-driver; B, the knife, attached to one end of the handle, and C, the sliding screw-driver that is applied to the hollow end of the handle opposite to that to which the putty-knife is attached.

The knife B is set in a detachable manner into the handle A, by being inserted from the side into a dovetailed slot of the same, the slot being narrower at one end than at the other, so that the tapering shank of the blade will come to a perfect fit, and be firmly set in the dovetail socket-recess. A fastening

cross-pin completes the attachment of the knife. The screw-driver C is acted upon by a spiral spring, *a*, in the interior of the handle as soon as the spring-catch D is released from the notches of the screw-driver, so as to be thrown forward and locked rigidly in position for use.

The catch may be operated from the end or other part of the handle, as desired, the screw-driver being moved back into the handle when not required for use. The convenient arrangement of the screw-driver in the hollow end of the handle allows it to be thrown out for use, or to be carried back, as required by the exigencies of the work, combining thereby two separate tools in one device, and forming an improved tool for painters, glaziers, carpenters, and others.

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

1. The combination of a putty-knife with a screw-driver, to form one tool, substantially in the manner described.

2. The combination of the handle, having a dovetailed socket-recess, narrower at one end, with a tapering shank of a putty-knife, and with a fastening cross-pin to secure the shank rigidly, but detachably, to the handle, substantially as specified.

3. The combination of the hollow handle of a putty-knife with a sliding spring-acted screw-driver, and locking spring-catch, substantially as specified.

CHARLES COLLINS BARTLETT.

Witnesses:

H. T. CONVERSE,
M. T. BATCHELDER.