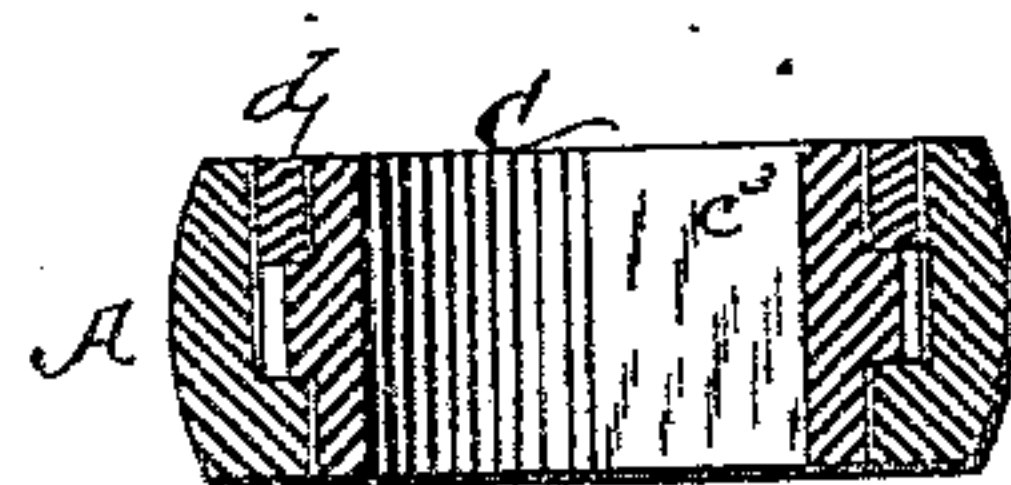
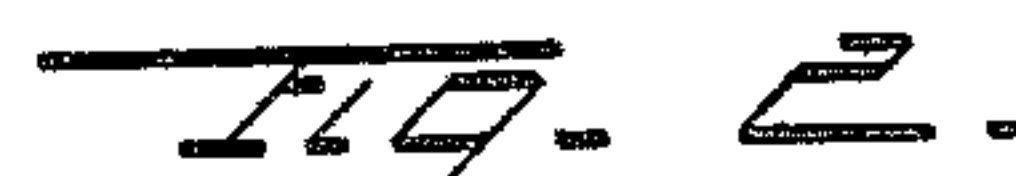
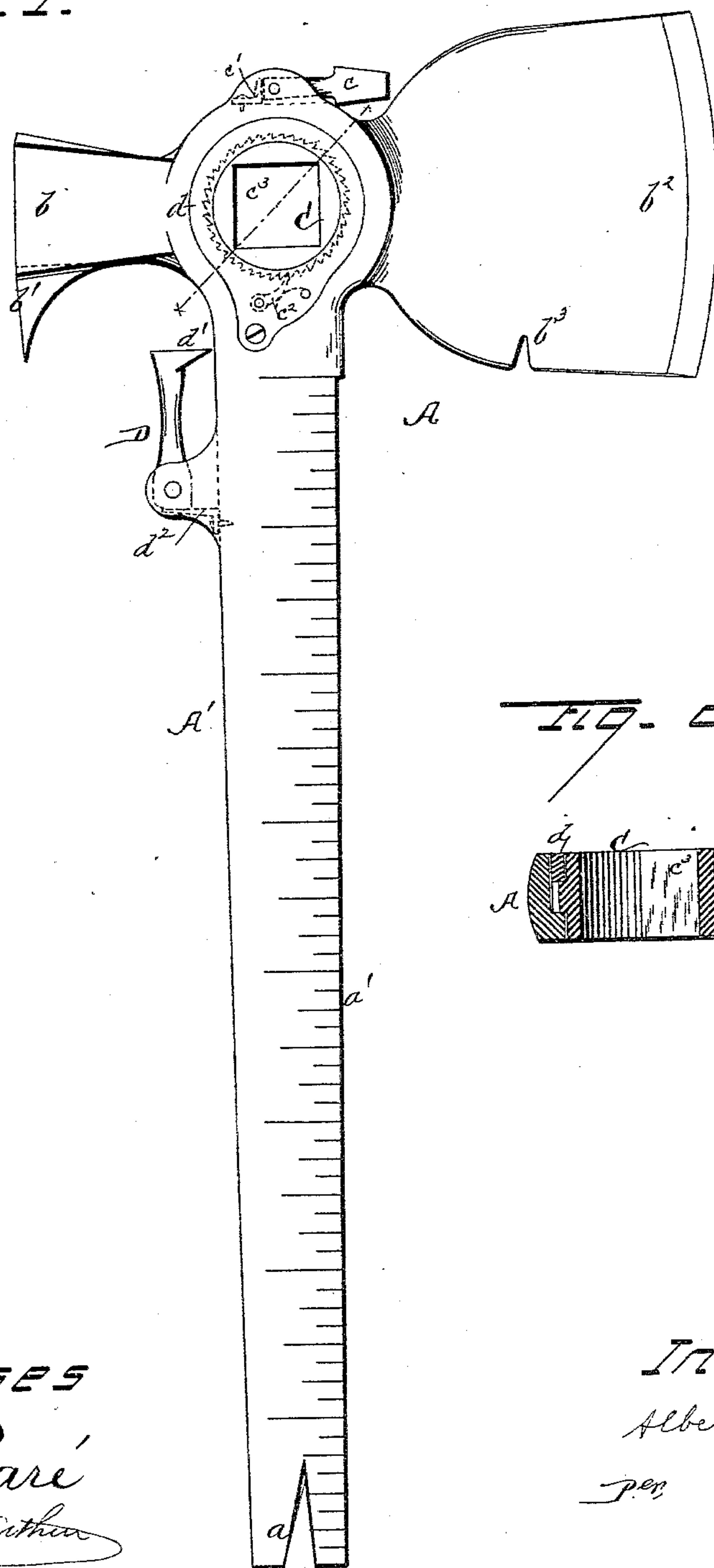


(No Model.)

A. E. LYTLE.
COMBINATION TOOL.

No. 318,920.

Patented May 26, 1885.



WITNESSES

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UNITED STATES PATENT OFFICE.

ALBERT E. LYTLE, OF CHICAGO, ILLINOIS, ASSIGNOR OF TWO-THIRDS TO
JOHN DARGAN AND G. ELLIS TAGGART, OF SAME PLACE.

COMBINATION-TOOL.

SPECIFICATION forming part of Letters Patent No. 318,920, dated May 26, 1885.

Application filed March 24, 1885. (No model.)

To all whom it may concern:

Be it known that I, ALBERT E. LYTLE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Combination-Tools, of which the following is a specification, to wit:

This invention relates to combination-tools; and it consists in the peculiar construction and arrangement of the same, substantially as will be hereinafter more fully set forth and claimed.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and arrangement, referring to the accompanying drawings, in which—

Figure 1 is a side view of my tool, and Fig. 2 is a section on the line $x x$.

A represents my tool or hatchet, cast or formed in one piece with its handle A'. The latter is formed on its end with a claw, a , for pulling tacks, and has upon one side a scale or rule, a' . The hatchet is formed with the usual hammer-head, b , having a nail-claw, b' , and cutting-blade b^2 , having a notch, b^3 , for engaging nails. Upon the forward edge of the head is secured a screw-driver, c , hinged or pivoted between lugs cast on the head, and having a spring, c' , to hold it open or closed, as may be desired.

The head of the tool is provided with a circular opening, in which is placed a ratchet-die, C, with which engages a spring-pawl, c^2 , as shown in Fig. 1, the die being formed with

an angular opening, c^3 , to receive a series of nut-wrenches of various sizes, (not here shown,) or which can be used as a wrench itself. This die is held in place by a plate, d , secured upon the side of the tool-head.

Upon the back of the handle, near the hammer-head, is hinged a barrel-hoop lifter, D, having a toe, d' , and provided with a spring, d^2 , which bears against the pivoted end to retain it either folded or extended.

The tool is very handy, combining a hatchet, hammer, tack and nail pullers, ratchet-wrench, barrel-hoop lifter, and screw-driver, while both the latter are readily folded in against the main body of the device out of the way when not in use.

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

A combination-tool consisting of the hatchet head and handle A A', cast in one piece, and provided with the scale or rule a' , tack-claw a , hammer head and claw $b b'$, ratchet-wrench C, hinged screw-driver c , and hinged hoop-lifter D, all constructed and arranged for operation substantially as herein shown, and for the purpose set forth.

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

ALBERT E. LYTLE.

Witnesses:

W. C. MCARTHUR,
CHAS. KRESSMANN.