No. 812,424. PATENTED FEB. 13, 1906.

C. HELLMUTH.

COMBINED KNIFE, FORK, CAN OPENER, AND SAW.

APPLICATION FILED AUG. 26, 1905.

Fig. 1

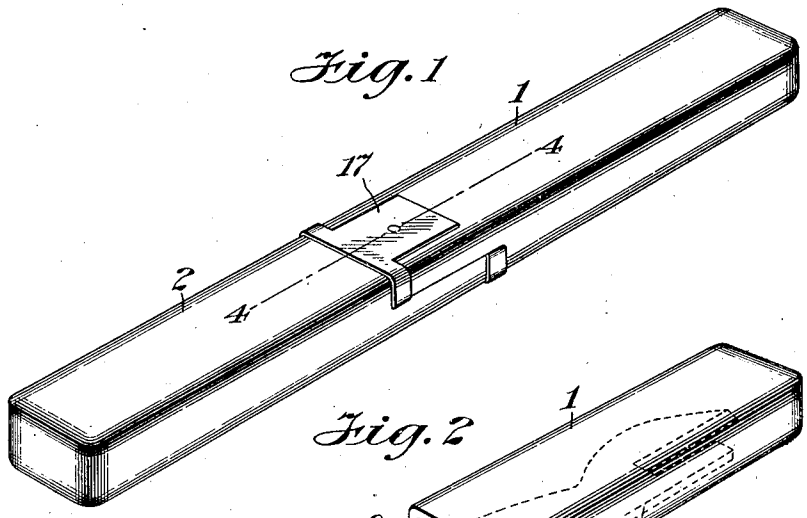


Fig. 2

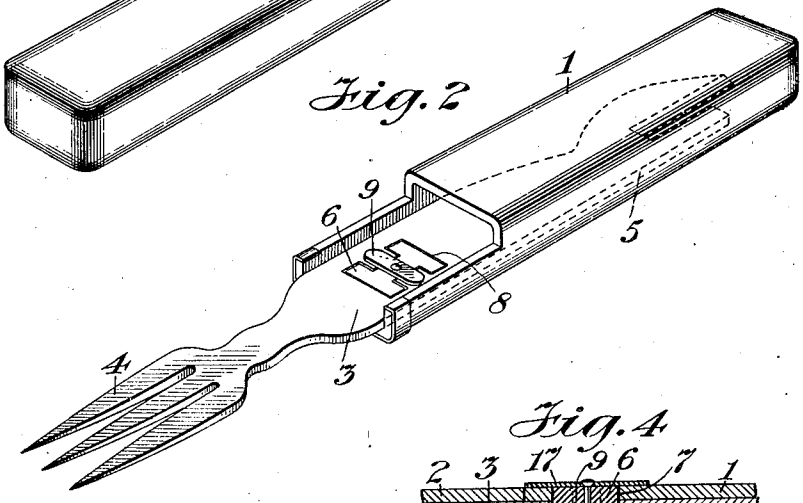


Fig. 4

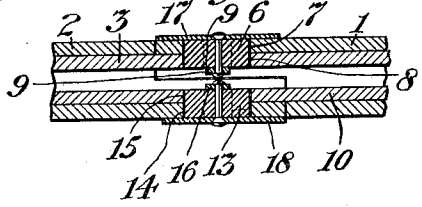
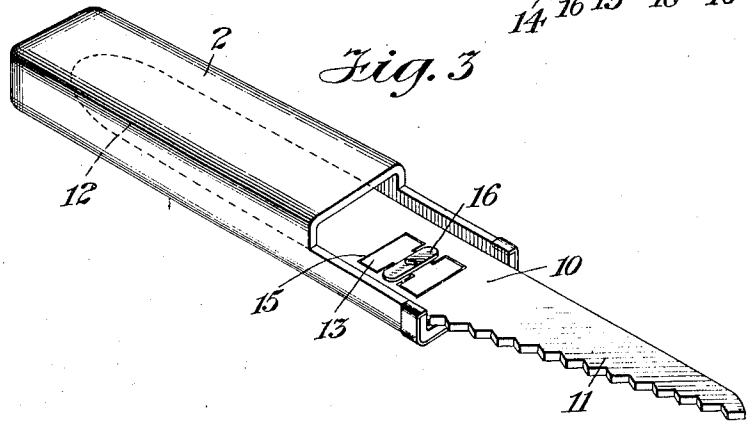


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES HELLMUTH, OF NEW YORK, N. Y.

COMBINED KNIFE, FORK, CAN-OPENER, AND SAW.

No. 812,424. Specification of Letters Patent. Patented Feb. 13, 1906.

Application filed August 26, 1905. Serial No. 275,855.

To all whom it may concern:

Be it known that I, CHARLES HELLMUTH, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in a Combined Knife, Fork, Can-Opener, and Saw, of which the following is a specification.

My invention relates to a combined fork, knife, can-opener, and saw.

It is essential in articles comprising a camping outfit that they should be simple, compact, and adapted to serve a variety of purposes.

My invention, therefore, has for its object to provide a device of this character embodying a case formed of two hollow separable sections, each section removably supporting a combined implement in such manner as to adapt it to be reversed to bring either end into operative position.

In the drawings, Figure 1 is a prespective view of my device; Fig. 2, a perspective view of one of the sections of the case, showing an implement therein combining a fork and can-opener. Fig. 3 is a perspective of the other section of the case, showing an implement therein combining a knife and saw; and Fig. 4 is a detail sectioned view.

In all the figures of the drawings illustrating my invention like reference characters designate corresponding parts.

Referring to the drawings, 1 and 2 designate the hollow sections composing the case, each being cut away at one end to adapt them when brought together to overlap and the corresponding faces of their sides, top, and bottom to come flush with each other.

The implement 3, combining a fork 4 at one end and a can-opener 5 at the other end, is removably secured to the section 1 by means of a notched metallic block 6, secured in a similarly-shaped slot 7 in the top wall of the portion 1 and engaging a similarly-shaped slot 8 in said implement and held therein by a button 9, pivoted to said block and adapted to be turned into engagement with the face of said implement.

The implement 10, combining a saw 11 at one end and a knife 12 at the other end, is removably secured to the section 2 by means corresponding to that employed to secure the implement 3 to the section 1, such means in this instance comprising a notched metallic block 13, secured in a similarly-shaped slot 14 in the bottom wall of the portion 2 and engaging a similarly-shaped slot 15 in said implement and held therein by a button 16, pivoted to said block and adapted to be turned into engagement with the face of said implement.

The blocks 6 and 13 are held within the slots in their respective sections by means of the plates 17 and 18, secured to said sections in any suitable manner.

It will be understood that when the sections are placed together the saw will fit into the cavity of the section 1 above the can-opener and the fork into the cavity of the section 2 just below the knife and that the sections of the casing are held together by the frictioned contact of the tools against the opposite sections.

If the parts of the device are in the condition shown by Figs. 2 and 3 of the drawings and it is desired to bring the can-opener and knife into operative position, the buttons are turned longitudinally of the blocks, the implements disengaged therefrom and reversed and then engaged again with said blocks and locked by turning the buttons transversely thereof.

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

1. A device of the character described comprising a casing formed of separable sections, blocks secured in said sections, buttons pivoted on said blocks and implements embodying plates having slots adapted to be engaged by said blocks, substantially as described.

2. A device of the character described, comprising a casing formed of separable sections having overlapping ends, blocks secured in said sections, buttons pivoted on said blocks and implements embodying plates having slots adapted to be engaged by said blocks, substantially as described.

3. A device of the character described comprising a casing formed of separable sections having overlapping ends and slots in said ends, blocks secured in said slots, buttons pivoted on said blocks, and implements having slots adapted to be engaged by said blocks, substantially as described.

4. A device of the character described comprising a casing formed of separable sections having overlapping ends and slots in said ends, blocks secured in said slots, buttons pivoted on said blocks, and implements em-

bodying plates having slots adapted to be engaged by said blocks, and plates for securing said blocks, substantially as described.

5. A device of the character described comprising a casing formed of separable sections having overlapping ends and slots in said ends, notched blocks secured in said slots, buttons pivoted on said blocks, and implements embodying plates having slots adapted to be engaged by said blocks, substantially as described.

Signed at New York, in the county of New York and State of New York, this 17th day of August, A. D, 1905.

CHARLES HELLMUTH.

Witnesses:

CHAS. L. WOLF,

ALBERT B. BLACKWOOD.