B. N. SHELLEY.
Combination Tool.

No. 219,313. Patented Sept. 2, 1879.

FIG. 1.

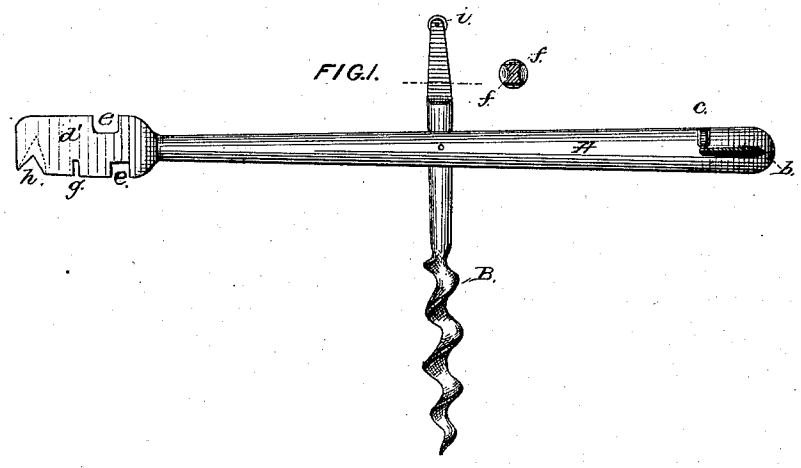
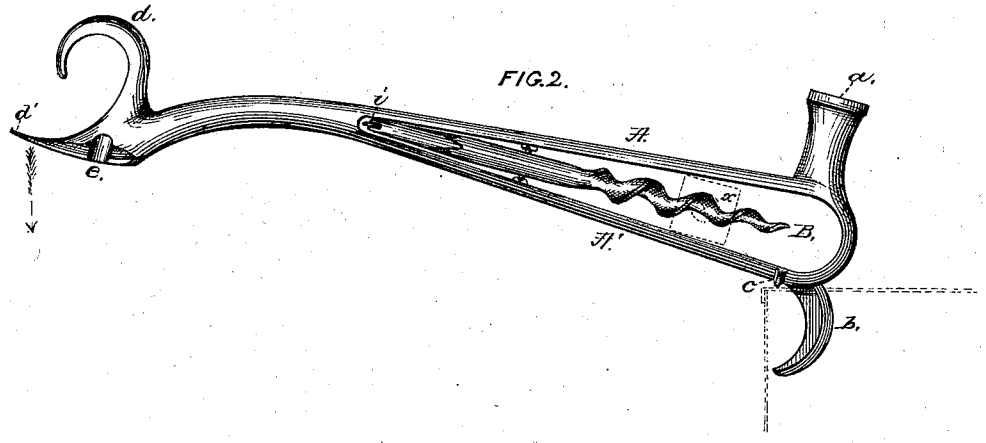


FIG. 2.



WITNESSES:
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UNITED STATES PATENT OFFICE.

BENJAMIN N. SHELLEY, OF ANDERSON, INDIANA.

IMPROVEMENT IN COMBINATION-TOOLS.

Specification forming part of Letters Patent No. **219,313**, dated September 2, 1879; application filed March 13, 1879.

To all whom it may concern:

Be it known that I, BENJAMIN N. SHELLEY, of Anderson, in the county of Madison and State of Indiana, have invented a new and Improved Combined Implement for Domestic and other Purposes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an edge view, showing the device in position to be used as a corkscrew. Fig. 2 is a side view, showing in dotted lines the application of the device as a can-opener and a wrench.

My invention consists of a combined implement for domestic and other purposes, which presents in a single device and compact form the functions of a hammer, screw-driver, corkscrew, can-opener, ice-pick, glass cutter and breaker, stove-lifter, tack-drawer, saw-set, knife-sharpener, wrench, steak-tenderer, and putty-knife.

In the drawings, A A′ represent the main handle, which is formed in one piece at one end, and diverges thence in the shape of two branches, which are united at the other end, leaving an open space between. At the widest end of the handle is formed a hammer-face, *a*, and upon the opposite side of the same end a hook-shaped blade, *b*, sharpened upon its convex edge, which blade, in connection with a lug, *c*, constitutes a can-opener, the said lug serving as a fulcrum to prevent slipping while the blade is being forced against the metal to be cut by the oscillation of the handle. This hook-shaped blade is pointed also, so as to be used as an ice-pick. Between the branches A A′ of the handle is pivoted upon trunnions a corkscrew, B, which corkscrew has upon its opposite end a steel wheel, *i*, with a V-shaped edge to form a glass-cutter. This same end of the corkscrew is also concaved or fluted to form sharp steel edges *f f*, which constitute a knife-sharpener. This corkscrew, glass-cutter, and knife-sharpener may either be disposed longitudinally within the branches of the handle, in which position it is out of the way, or it may be turned at right angles, in which position the ends project so as to be used. In this latter position (shown in Fig. 1) the main handles A A′ form the handle for turning the corkscrew. At the end of the device, where the branches of the handles A A′ converge into a single bar, a stove-lifter, *d d′*, is formed, one part of which, *d*, is hooked, as shown, and the other, *d′*, of which is flattened. The outer edge of this flattened portion is fashioned into a screw-driver. Notches *e e*, formed in this flattened portion, are used to break glass, while notch *g* forms a saw-set. A V-shaped notch, *h*, is also formed in this part to constitute a tack-drawer, while the bottom side of the part *d′* is made perfectly smooth to adapt it to be used as a putty-knife.

Among other uses to which the implement may be put is that of a steak-tenderer, the hammer and can-opening blade being used as the chopping and beating edge.

To use the device as a wrench, the nut to be turned is seized between the tapering branches of the handle, as at *x*, Fig. 2, and turned thereby, the taper adapting it to various sizes of nuts.

This tool, it will be seen, fulfills at once a variety of functions at a comparatively small cost, and is a handy and convenient addition to any house or store, especially where circumstances do not justify the purchase of a full set of tools.

Having thus described my invention, what I claim as new is—

The combined implement consisting of a handle formed with tapering branches A A′, united at their ends, and having a stove-lifter, *d d′*, at one end, and a hammer-face, *a*, and can-opener *b* at the other, in combination with the corkscrew B, pivoted near its middle, between said branches, and having its end opposite its point formed into a knife-sharpener, and provided with a glass-cutting wheel, *i*, substantially as shown and described.

The above specification of my invention signed by me this 4th day of March, 1879.

B. N. SHELLEY.

Witnesses:

EDWD. W. BYRN,

SOLON C. KEMON.