

(No Model.)

G. B. SANBORN.
MONKEY WRENCH.

No. 303,752.

Patented Aug. 19, 1884.

Fig. 1.

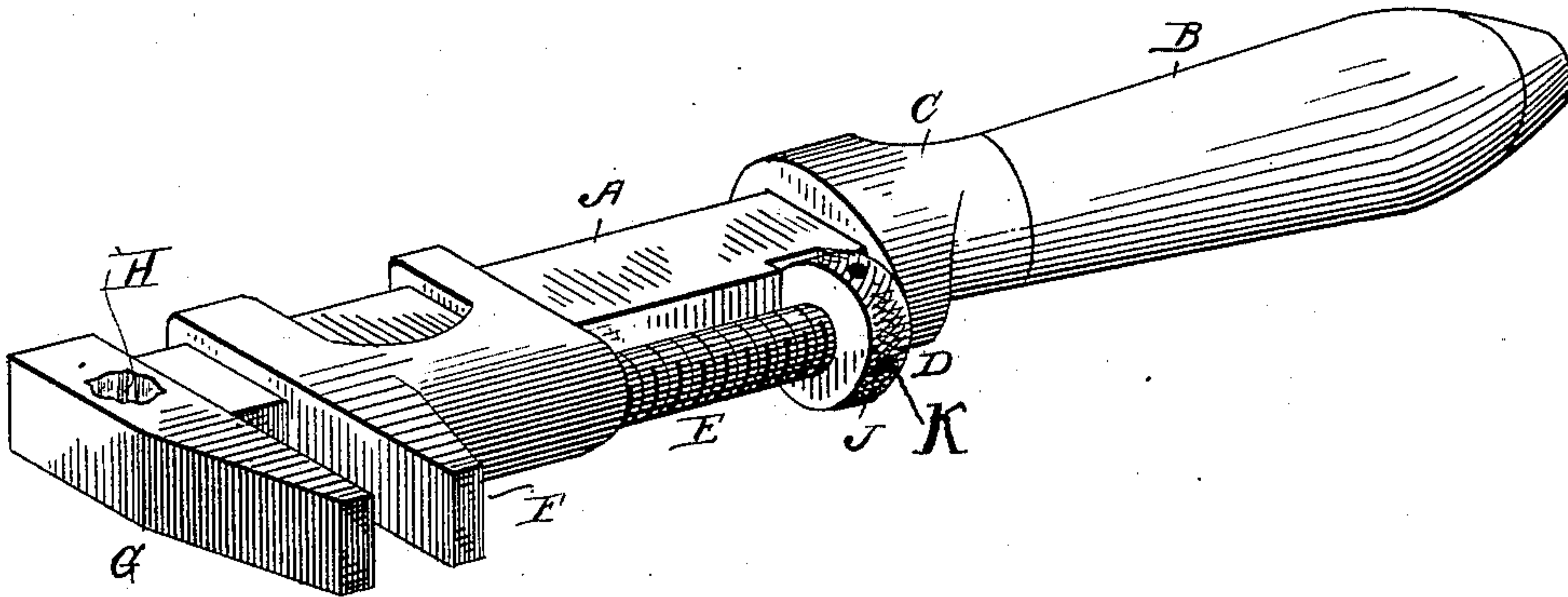


Fig. 2.

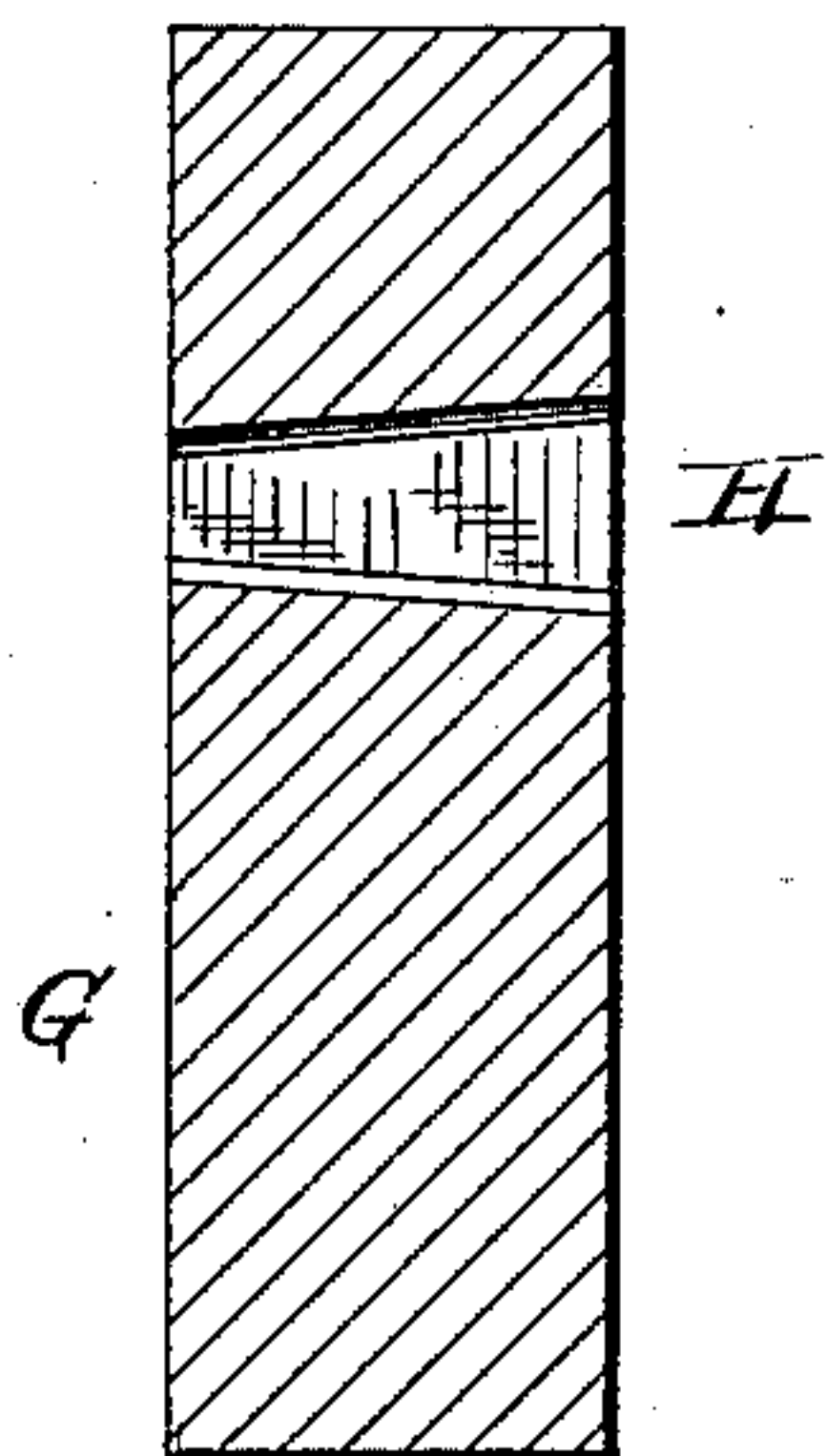


Fig. 3.

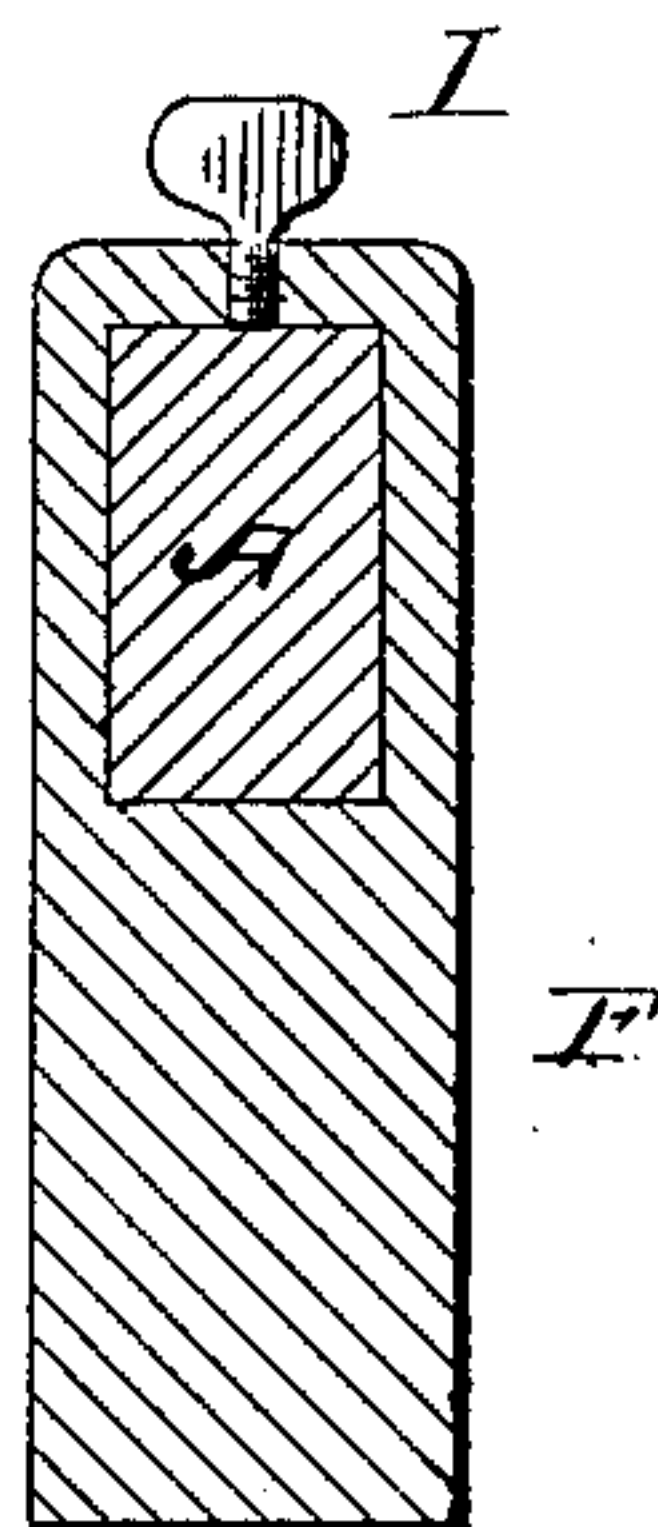
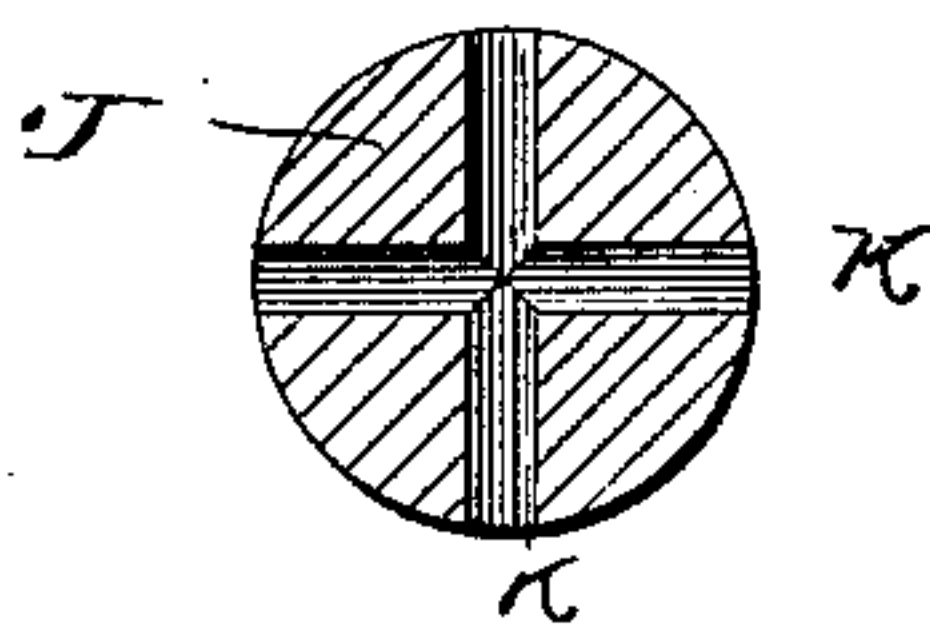


Fig. 4.



WITNESSES
N. Mortimer.
E. G. Siggers.

G. B. Sanborn,
INVENTOR
by *C. A. Snow & Co.*
Attorney

UNITED STATES PATENT OFFICE.

GUSTAVUS B. SANBORN, OF BRISTOL, NEW HAMPSHIRE.

MONKEY-WRENCH.

SPECIFICATION forming part of Letters Patent No. 303,752, dated August 19, 1884.

Application filed May 13, 1884. (No model.)

To all whom it may concern:

Be it known that I, GUSTAVUS B. SANBORN, a citizen of the United States, residing at Bristol, in the county of Grafton and State of New Hampshire, have invented a new and useful Improvement in Monkey-Wrenches, of which the following is a specification, reference being had to the accompanying drawings.

This invention has relation to monkey-wrenches; and it consists in the construction and novel combination and arrangement of parts, as will be hereinafter fully described, and particularly pointed out in the claim.

Figure 1 is a view in perspective of a monkey-wrench embodying my improvements. Fig. 2 is a vertical sectional view through the rectangular tapering socket in the stationary jaw. Fig. 3 is a vertical sectional view through the movable jaw, and the set-screw for holding it to its adjustment; and Fig. 4 is a vertical sectional view through the perforated head of the thumb-screw, by which the movable jaw of the wrench is operated.

Referring by letter to the accompanying drawings, A designates the lever of the wrench, having the handle B and the collar C, with the usual seat D, for the end of the thumb-screw E, by which the movable jaw F is operated.

G designates the stationary jaw of the wrench, which is provided with a rectangular tapering socket, H, for operating a screw-driver, a bit to turn in or out a rusty wood-screw that cannot be turned by hand or with the brace.

I designates a set-screw in the heel of the movable jaw F, for locking it in place on the lever A when it has been adjusted to any desired point thereon for turning nuts of regular sizes. J designates the milled head of the thumb-screw E, which is provided with perforations K, made diametrically through it to receive the point of an awl, or the like, to turn the thumb-screw E when it cannot be turned sufficiently tight with the hand.

The utility of the improvements is obvious, and will be readily understood from the foregoing description, when taken in connection with the accompanying drawings.

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

The herein-described compound tool, comprising the lever A, having the handle B at one end, and the stationary jaw G, having the rectangular tapering transverse socket H passing entirely through it at the other end, the movable jaw F on said lever A, the thumb-screw E, having milled head, with perforations K, and the set-screw I, for locking the movable jaw F on the lever A, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

GUSTAVUS B. SANBORN.

Witnesses:

MARY M. PAGE,
JOHN C. PAGE.