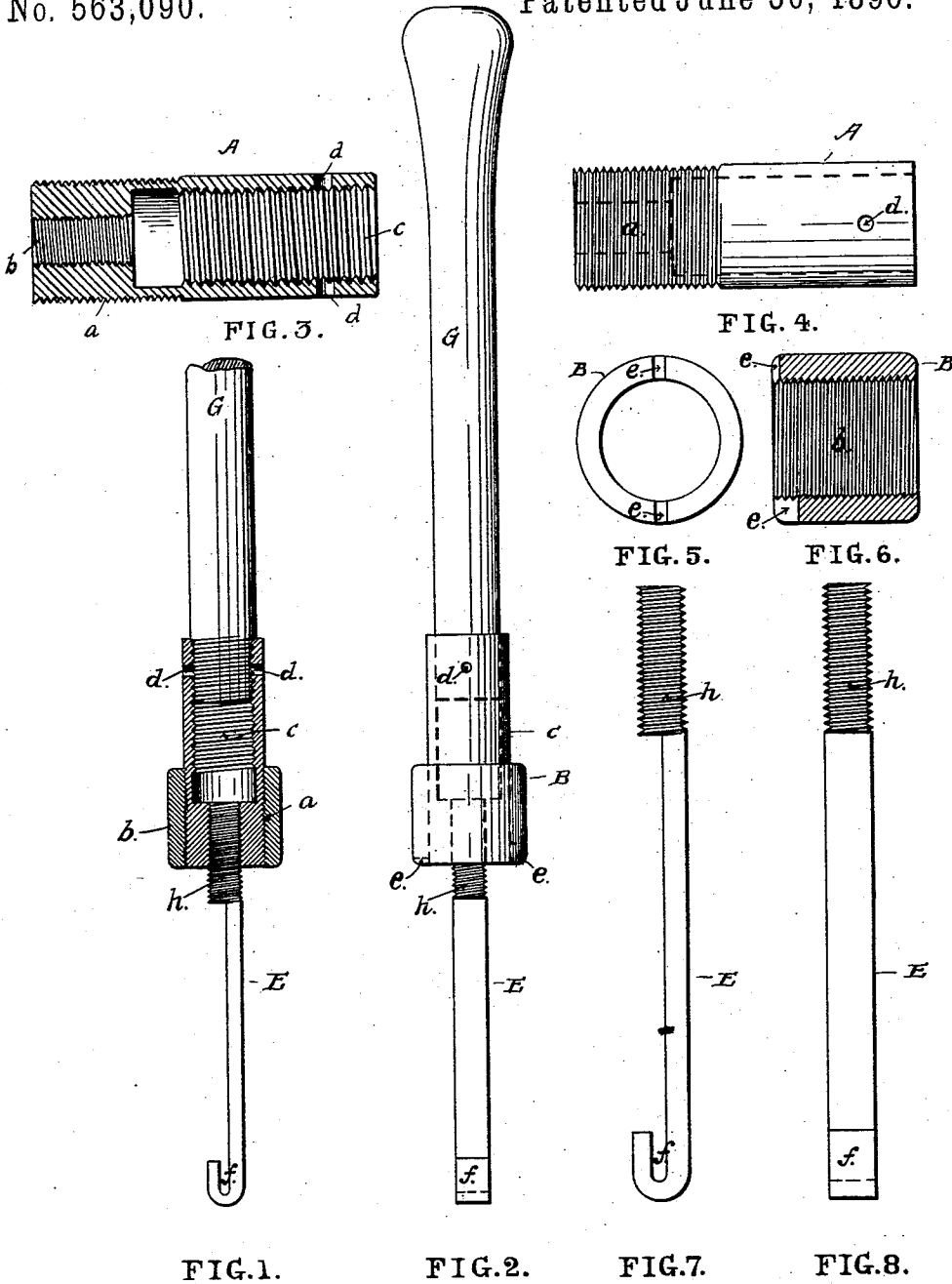


(No Model.)

C. H. STROUD
SAW HANDLE.

No. 563,090.

Patented June 30, 1896.



WITNESSES:

Geo. M. Johnson
Philip C. Mason

INVENTOR

C. H. Stroud

BY

C. W. Anderson

his

ATTORNEY.

UNITED STATES PATENT OFFICE.

CLAYTON H. STROUD, OF MEMPHIS, TENNESSEE.

SAW-HANDLE.

SPECIFICATION forming part of Letters Patent No. 563,090, dated June 30, 1896.

Application filed November 12, 1895. Serial No. 568,725. (No model.)

To all whom it may concern:

Be it known that I, CLAYTON H. STROUD, a citizen of the United States, and a resident of Memphis, in the county of Shelby and State of Tennessee, have invented certain new and useful Improvements in Saw-Handles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a view in section, showing inverted portion of handle broken away. Fig. 2 is an elevation. Fig. 3 is a sectional view of the socket-piece. Fig. 4 is a side view of same. Fig. 5 is an inverted plan view of sleeve B. Fig. 6 is a central section of same, and Figs. 7 and 8 are detail views of the clasp.

This invention is designed to provide a handle for crosscut-saws which can be quickly attached to or detached from the saw-blade, and which is simple in its construction and operation and strong; and the invention consists in the novel construction and combination of parts, all as hereinafter described, and pointed out in the appended claim.

Referring to the accompanying drawings, the letter A designates a socket-piece or sleeve, which is provided with an externally-threaded portion *a*, an internally-threaded portion *b* of comparatively small diameter, and an internally-threaded portion *c* of larger diameter. The portion *a* has a left-hand thread, while the portions *b* and *c* have right-hand threads.

B designates a sleeve or collar having an internal thread which screws upon the thread of the portion *a* of the socket-piece. In the lower edge of said collar or sleeve at diametrically opposite points are cut notches *e*, which are designed to receive the back of the saw. The difference in the depth of the two slots indicated is to adapt them to the taper of the saw.

E designates a clasp or holder for the end

portion of the saw, which consists of a strap of metal having at its upper end a threaded cylinder portion *h*, which fits the internal thread *b* of the socket-piece, and at its lower end a clip or groove *f* for the edge of the saw to rest in.

G designates the handle proper, which is made of wood, if desired, but more preferably of a section of gas-pipe. This handle is screwed into the upper portion *c* of the socket-piece and is made rigid by pins *d*.

To secure the handle to the saw, the parts are assembled in the positions shown in Figs. 1 and 2. The handle G is then turned to the right, which causes the sleeve or collar B to approach the back of the saw and the clip *f* to approach the front edge thereof, this action resulting, as will readily appear, in the saw being securely clamped between the said clip and collar. To remove the handle, it is rotated to the left, when the clip and collar both move away from the saw and release it. The double action or movement makes the operation of attaching and detaching the handle a quick one.

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

The herein-described saw-handle comprising a socket-piece having external and internal right and left threaded portions, a collar or sleeve secured upon the external thread of said piece, and having opposite notches to receive the back of a saw-blade, a holder or clasp comprising a strap having a threaded cylinder portion at one end which engages an internal thread of said socket-piece, and a clip or groove at its opposite end to receive the saw-blade, and the handle proper rigid with said socket-piece, substantially as specified.

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

CLAYTON H. STROUD.

Witnesses:

W. C. DUTTLINGER,
R. E. AKIN.