

No. 637,257.

Patented Nov. 21, 1899.

E. J. HICKS.
HANDSAW HANDLE.

(Application filed May 10, 1899).

(No Model.)

Fig. 1.

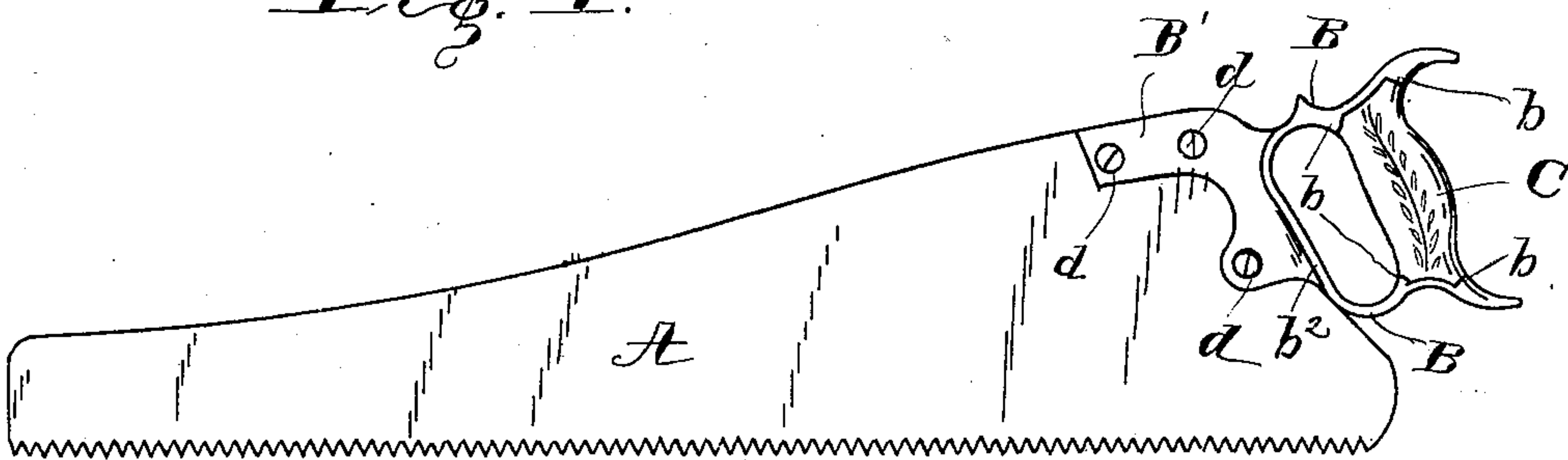


Fig. 2.

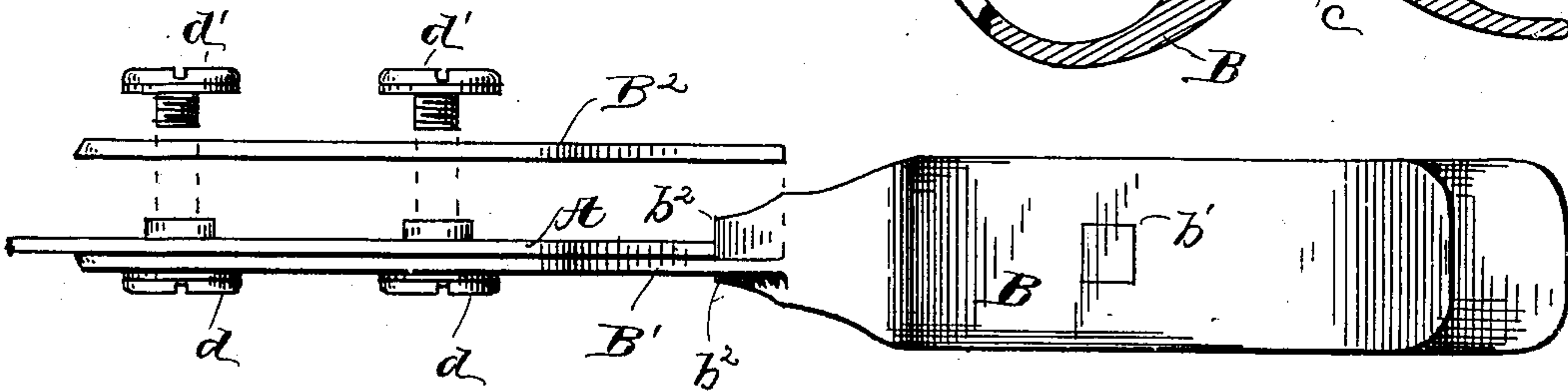
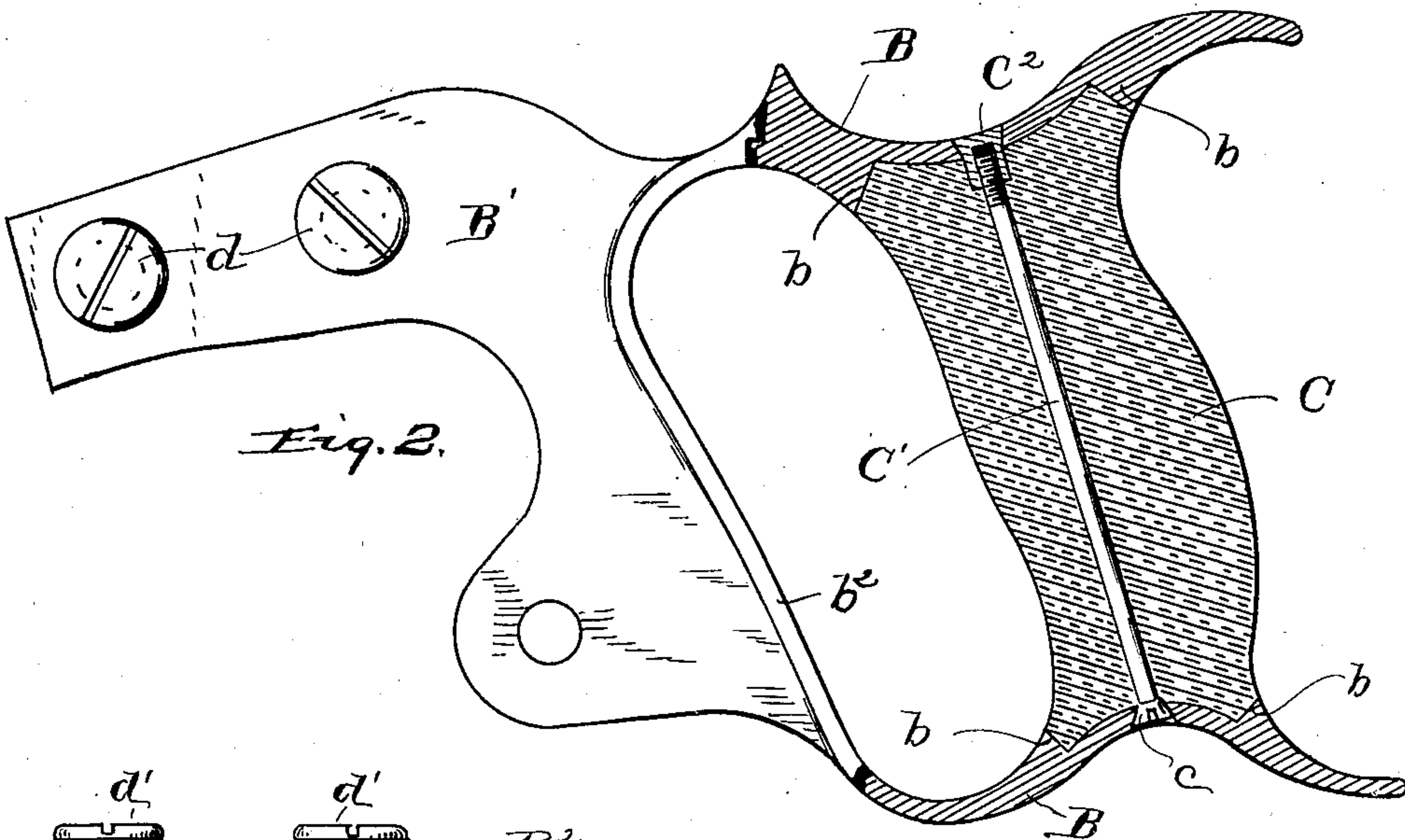


Fig. 3.

Witnesses;
John B. Sherwood
L. A. McInturn

Inventor,
Edgar J. Hicks,
By Joseph A. McInturn,
Attorney.

UNITED STATES PATENT OFFICE.

EDGAR J. HICKS, OF INDIANAPOLIS, INDIANA, ASSIGNOR OF ONE- HALF TO
ROBERT E. POINDEXTER, OF SAME PLACE.

HANDSAW-HANDLE.

SPECIFICATION forming part of Letters Patent No. 637,257, dated November 21, 1899.

Application filed May 10, 1899. Serial No. 716,241. (No model.)

To all whom it may concern:

Be it known that I, EDGAR J. HICKS, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Handsaw-Handles, of which the following is a specification.

This invention relates to improvements in handsaws; and the object of the invention is to provide a more inexpensive and more durable handle than has been heretofore provided with the wooden handle kerfed to receive the saw-blade.

This invention consists, primarily, of metal clamping-plates adjacent to the blade of the saw, with metal extensions, between which a wooden handhold is secured.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a view in side elevation of my invention; Fig. 2, a detail in side elevation and partially in vertical section of my handle; Fig. 3, a top or plan view of the part shown in Fig. 2, with the clamping-plates detached.

Similar letters of reference indicate like parts throughout the several views of the drawings.

A is the saw-blade, of usual construction and material.

B' and B² are a pair of clamping-plates, between which the blade A is fastened, the plates and blade having transverse registering holes, through which the internally-threaded sleeves *d* are projected and the parts held and drawn together by the threaded bolts *d'*, which screw into the sleeves *d*. The plate B' has the flange *b*², which projects laterally on both sides of the plate to form a guard to prevent injury to the hand, and this flange at the top and bottom of the plate runs into the handle extensions B B, of same general shape as the corresponding portions of the well-known wooden saw-handle.

C is the handhold, which is secured between the upper and lower extensions B B and is made of a poor heat-conducting material, like wood, to avoid influencing the temperature of the operator's hand in a detrimental way, as a metal handhold would do.

It is held in place by the bolt C', which passes through the metal extensions B B and longitudinally through the part C. The openings through the extensions B B are made tapering inwardly to engage the head and nut of the bolt, and the opening *b'* for the nut C² will be preferably square or octagonal to keep the nut from rotating when the bolt is turned.

To hold the part C against rotation around the bolt C', I make the ends of the former concave to fit the extensions B B, which are made convex over the major portion of the contacting surface with the ends of said handhold, and in addition I provide the shoulders *b*, which fill out the beveled corners of the handhold, as clearly shown in the drawings.

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

1. A handsaw-handle comprising a metal frame having clamps to fasten it to the saw-blade, and a handhold of a material which is a poorer conductor of heat than the metal bolted between opposite portions of the frame, the contacting surfaces of the handhold with the frame being concave surfaces terminating with shoulders to fill out beveled corners of the handhold, as and for the purposes specified.

2. A handsaw-handle comprising a metal frame having clamps to fasten it to the saw-blade and having a flange or flanges to form a guard to the hand, and a handhold of wood bolted between two opposite portions of the frame by a single bolt which extends through the handhold and through both members of the frame, the contacting portions of the handhold and frame having concave and convex portions and beveled corners and shoulders respectively to prevent rotation of the handhold around its fastenings, substantially as described.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 14th day of April, A. D. 1899.

EDGAR J. HICKS. [L. S.]

Witnesses:

JOSEPH A. MINTURN,

ROBERT E. POINDEXTER.