

(No Model.)

W. W. RICHARDSON.

SAW HANDLE.

No. 286,638.

Patented Oct. 16, 1883.

Fig. 3.

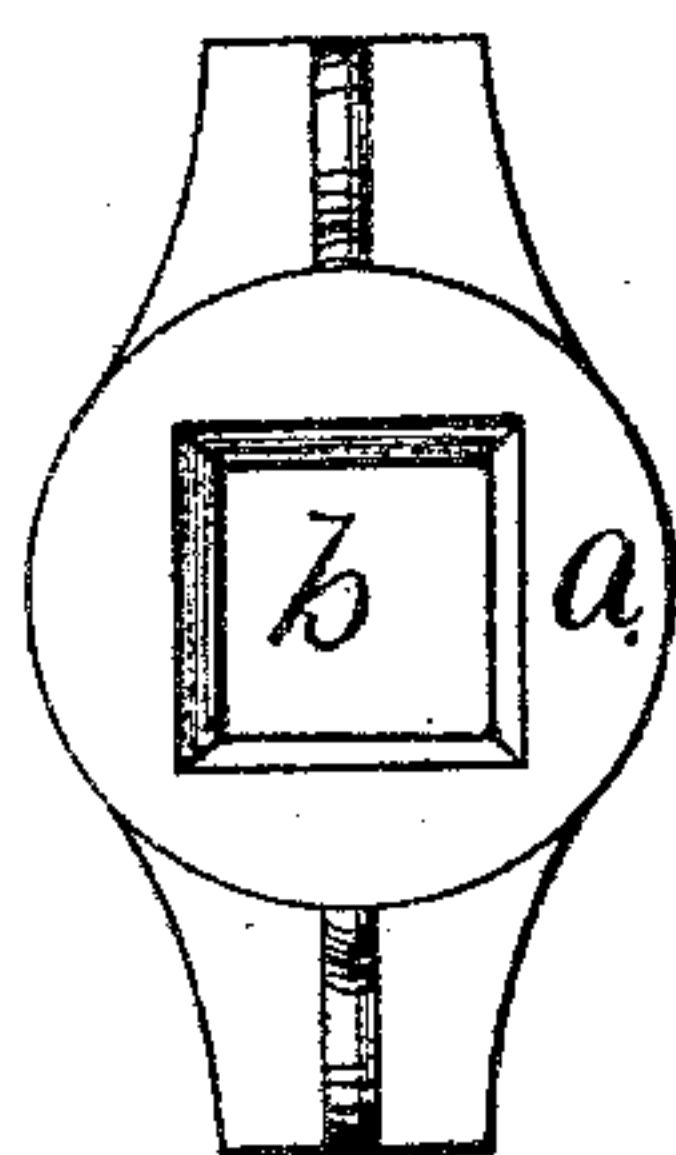


Fig. 2.

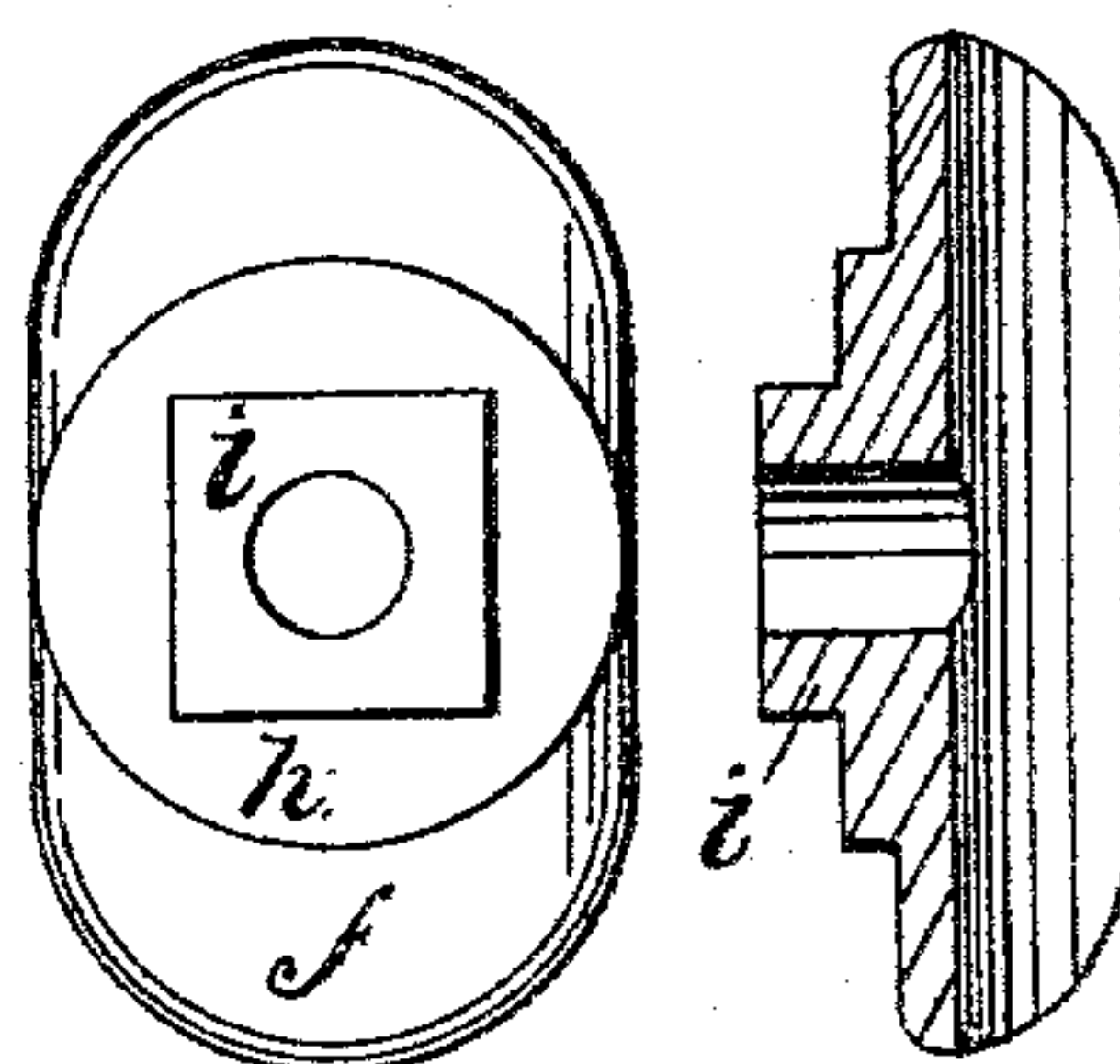
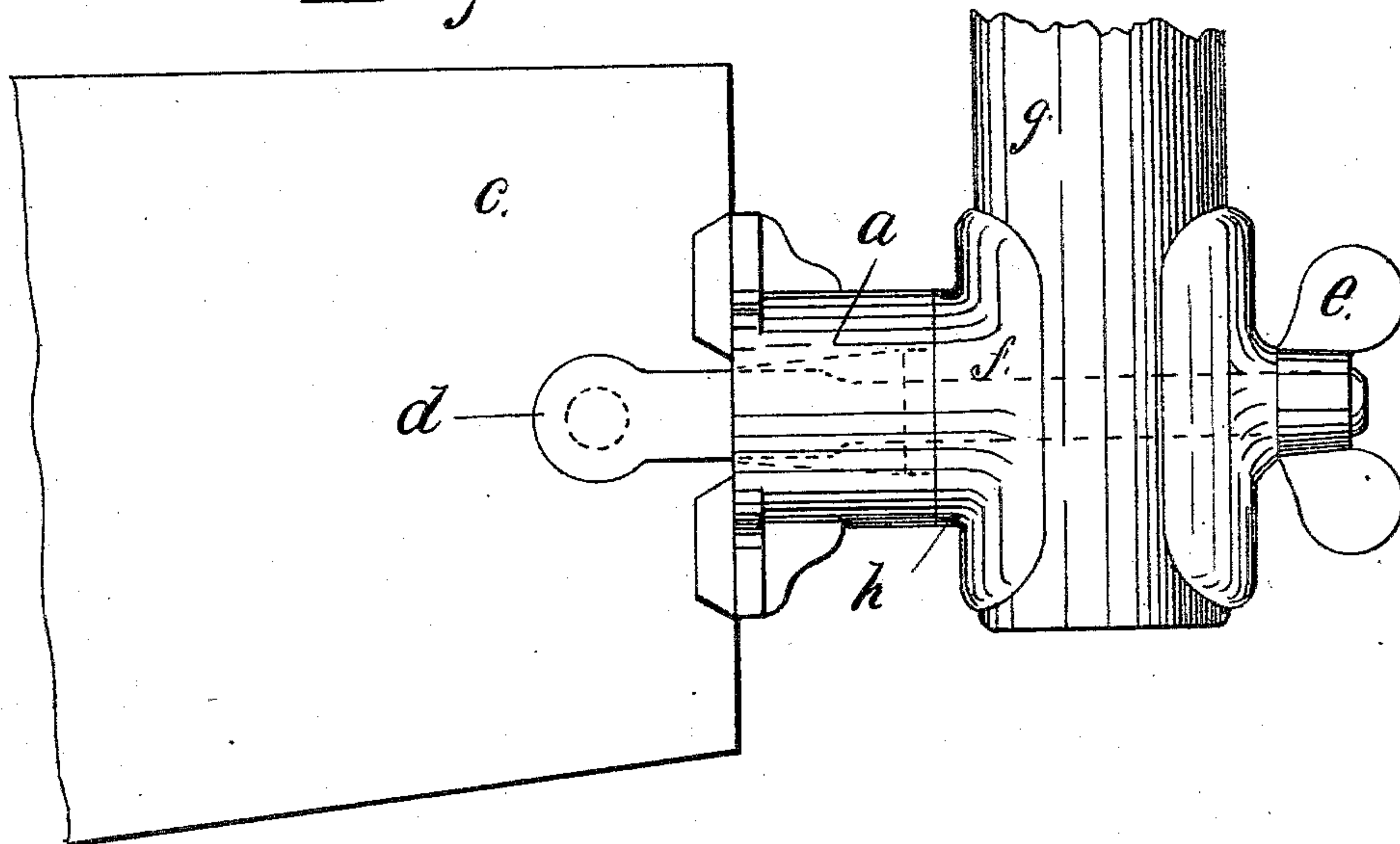


Fig. 1.



WITNESSES:

E. E. Sickler.
C. Hood.

INVENTOR:

William W. Richardson
By H. P. Hood
Atty.

UNITED STATES PATENT OFFICE.

WILLIAM W. RICHARDSON, OF INDIANAPOLIS, INDIANA.

SAW-HANDLE.

SPECIFICATION forming part of Letters Patent No. 286,638, dated October 16, 1883.

Application filed July 6, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. RICHARDSON, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Improvement in Saw-Handles, of which the following is a specification.

My invention relates to an improvement in a saw-handle for which Letters Patent were granted to me April 10, 1883, No. 275,414.

The object of my present improvement is to provide a means for changing the relative position of the handle, which means shall be neat in appearance and easily formed, and with which the desired change in the position of the handle may be made with but a slight movement of the clamping-nut.

The accompanying drawings illustrate my invention.

Figure 1 is a side elevation. Fig. 2 is a rear elevation and a longitudinal section of the base-plate. Fig. 3 is a rear elevation of the support for the end of the saw-plate and socket for the clamping-bolt.

Like letters indicate the same parts.

a is a cylindrical post, having a central square hole, *b*, extending longitudinally through it. One end of said post is widened and grooved to receive the end of the saw-plate *c*.

d is a clamping-bolt adapted to engage the usual hole near the end of the saw-plate. Said bolt is square in section where it enters post *a*, and terminates in a threaded portion adapted to receive the nut *e*. It is provided with a pin to enter the hole in the saw, and an opposite hinged jaw, and is similar in all respects to that shown and fully described in my before-mentioned patent.

f is a base-plate hollowed out on one side to fit the handle *g*, and having a short cylindrical portion, *h*, of the same diameter as the base of *a*, and on said cylindrical portion a projection, *i*, angular in outline, and adapted to fit the opening *b*. The relation of projection *i* and the opening through *a* is such that when they are together the slot in the face of *a* may be parallel with the hollow in the base-plate for the reception of the handle, or at right angles thereto, as desired, thus permitting the handle to be placed parallel with or at right angles to the plane of the saw-plate. The angular form of the projection *i* in the base-plate and the hole in post *a* prevents one from turning on the other when clamped together, and forms a coupling easily fitted and secure. The handle and saw are clamped in place by screwing nut *e* on bolt *d*, which passes through the handle.

I claim as my invention—

In a handle attachment for crosscut-saws, the combination, substantially as specified, of post *a*, having one end grooved to receive the end of the saw, and a square hole, *b*, extending longitudinally through it, clamping-bolt *d*, adapted to engage the saw-plate, square in section to fit hole *b*, and threaded to receive nut *e*, and base-plate *f*, hollowed on one side to fit the handle *g*, and provided with a square projection, *i*, adapted to fit hole *b* at the base of post *a*, as shown and described.

WILLIAM W. RICHARDSON.

Witnesses:

H. P. HOOD,
O. P. HOOD.