

(No Model.)

E. C. ATKINS.
AUXILIARY SAW HANDLE.

No. 287,790.

Patented Nov. 6, 1883.

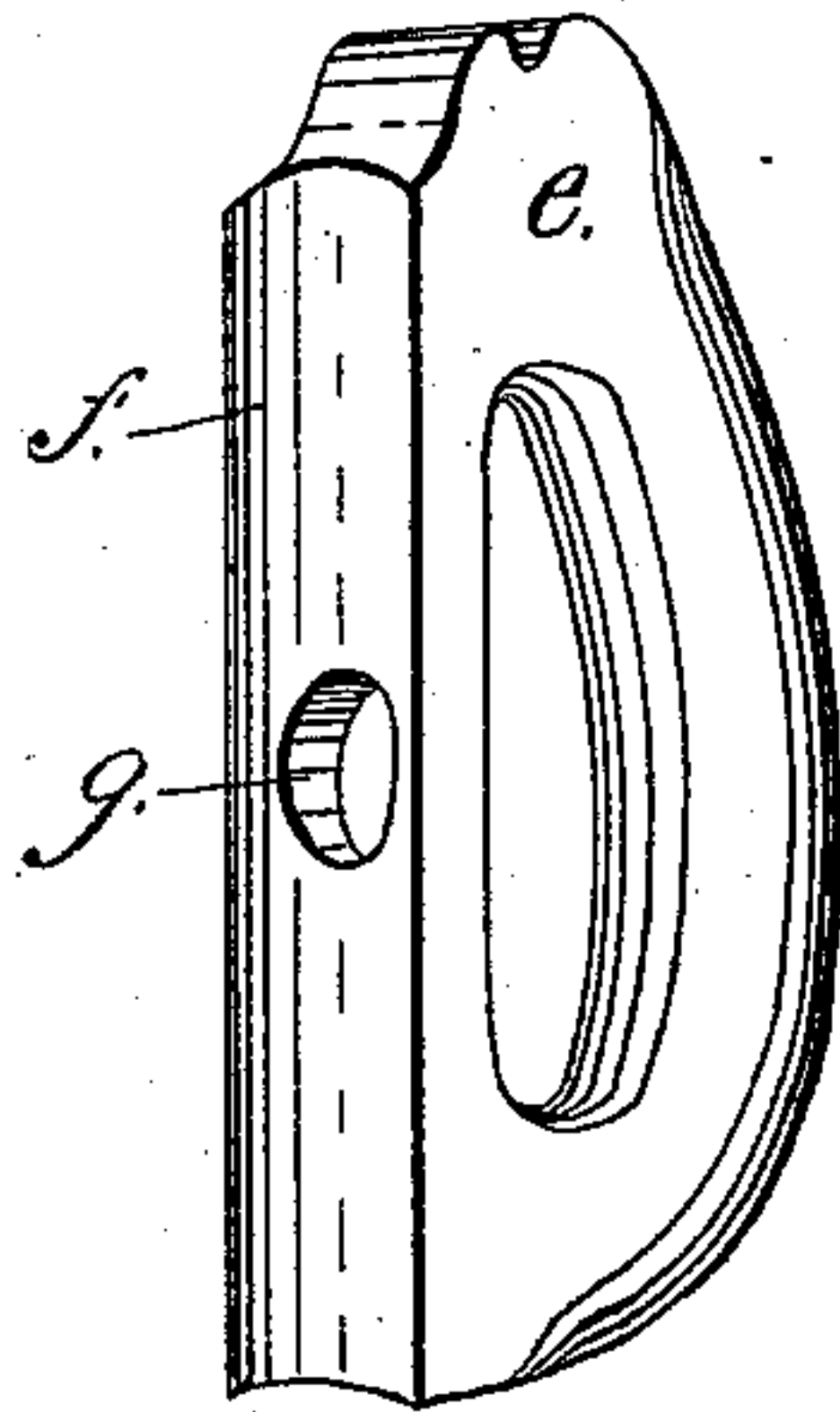
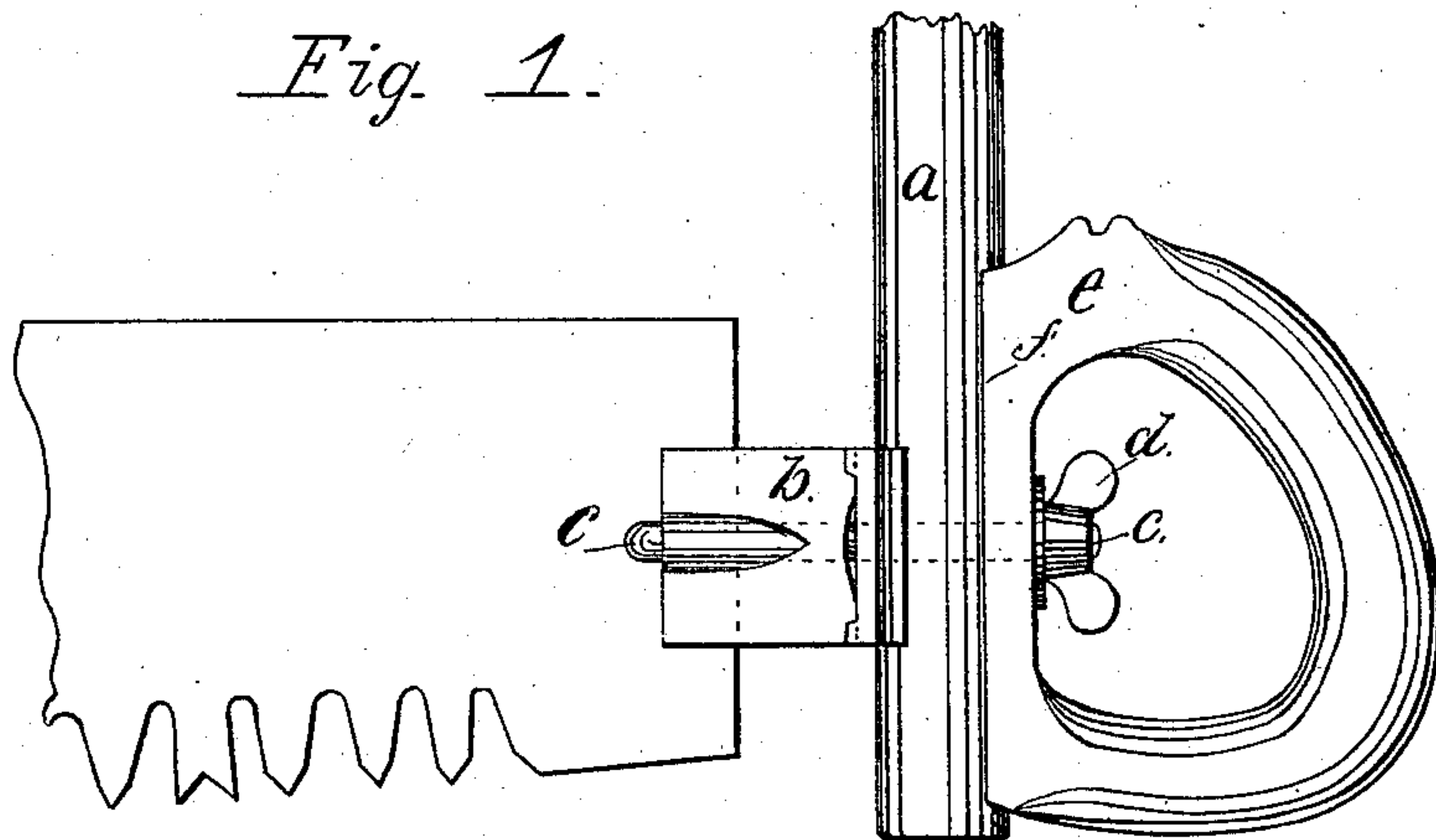


Fig. 2.

Fig. 1.



WITNESSES:

H. P. Hood,
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UNITED STATES PATENT OFFICE.

ELIAS C. ATKINS, OF INDIANAPOLIS, INDIANA.

AUXILIARY SAW-HANDLE.

SPECIFICATION forming part of Letters Patent No. 287,790, dated November 6, 1883.

Application filed July 18, 1883. (No model.)

To all whom it may concern:

Be it known that I, ELIAS C. ATKINS, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Improved Auxiliary Saw-Handle, of which the following is a specification.

My invention relates to an auxiliary saw-handle adapted to be applied at will to that class of crosscut-saw handles which consist, essentially, of a cylindrical bar secured to the end of the saw by a bolt engaging the saw-plate, and passing diametrically through the said bar, and having a nut screwed thereon and against the bar.

The object of my improvement is to provide a loop-shaped handle similar to the handle of an ordinary hand-saw, which may be secured easily and quickly upon the usual crosscut-saw handle of the above-mentioned class at a point opposite the end of the saw, for the purpose of enabling the user to control the movements of the saw more perfectly.

The accompanying drawings illustrate my invention.

Figure 1 is a side elevation of a saw with the ordinary handle and my auxiliary handle attached. Fig. 2 is a perspective of the auxiliary handle.

a represents the ordinary handle; *b*, a support for the end of the saw; *c*, a bolt adapted to engage the hole usually found near the end of a saw-plate; *d*, a nut screwed on bolt *c*.

e is my auxiliary handle. Said handle has one side, *f*, fitted to the contour of the ordinary handle, *a*, and is provided with a hole, *g*, therein, to receive the end of bolt *c*.

In working a crosscut-saw it is desirable for some purposes to have a firm grip with one hand directly opposite the end of the saw, while the other hand grasps the ordinary han-

dle above the saw; but for other purposes the handle opposite the end of the saw is in the way, and is inconvenient.

I am aware that saw-handles have before been made in which the ordinary cylindrical bar and a loop-shaped handle were formed in one piece, as in the device patented by Abbott & Moss, December 25, 1877. A patent was also granted to me August 26, 1879, for a loop-shaped handle combined, in a peculiar manner, with a cylindrical handle and a fastening for the saw particularly adapted to receive said loop-shaped handle; but my present auxiliary handle differs from either of the above-mentioned patented devices in that it is adapted to be separately manufactured and sold, to be used at will with any saw-handle of the class first mentioned in this specification, it being secured in place on the ordinary handle by simply passing the bolt *c* through the hole *g* and screwing on nut *d*, and is as easily removed when its use is not required.

I therefore claim as my invention—

1. As a new article of manufacture, an auxiliary handle, loop-shaped and having one side adapted to fit against an ordinary crosscut-saw handle, and having a hole in said side adapted to receive a bolt, all substantially as specified.

2. The combination, with an ordinary crosscut-saw handle, a bolt passing through said handle, and a nut for the purpose of securing said handle to a saw, of a removable auxiliary handle adapted to be secured to said handle by said bolt and nut, substantially as and for the purpose specified.

ELIAS C. ATKINS.

Witnesses:

H. P. HOOD,
E. E. SICKLER.