

A. WHITCOMB.
BELL-PULL ATTACHMENT.

No. 176,910.

Patented May 2, 1876.

Fig. 1.

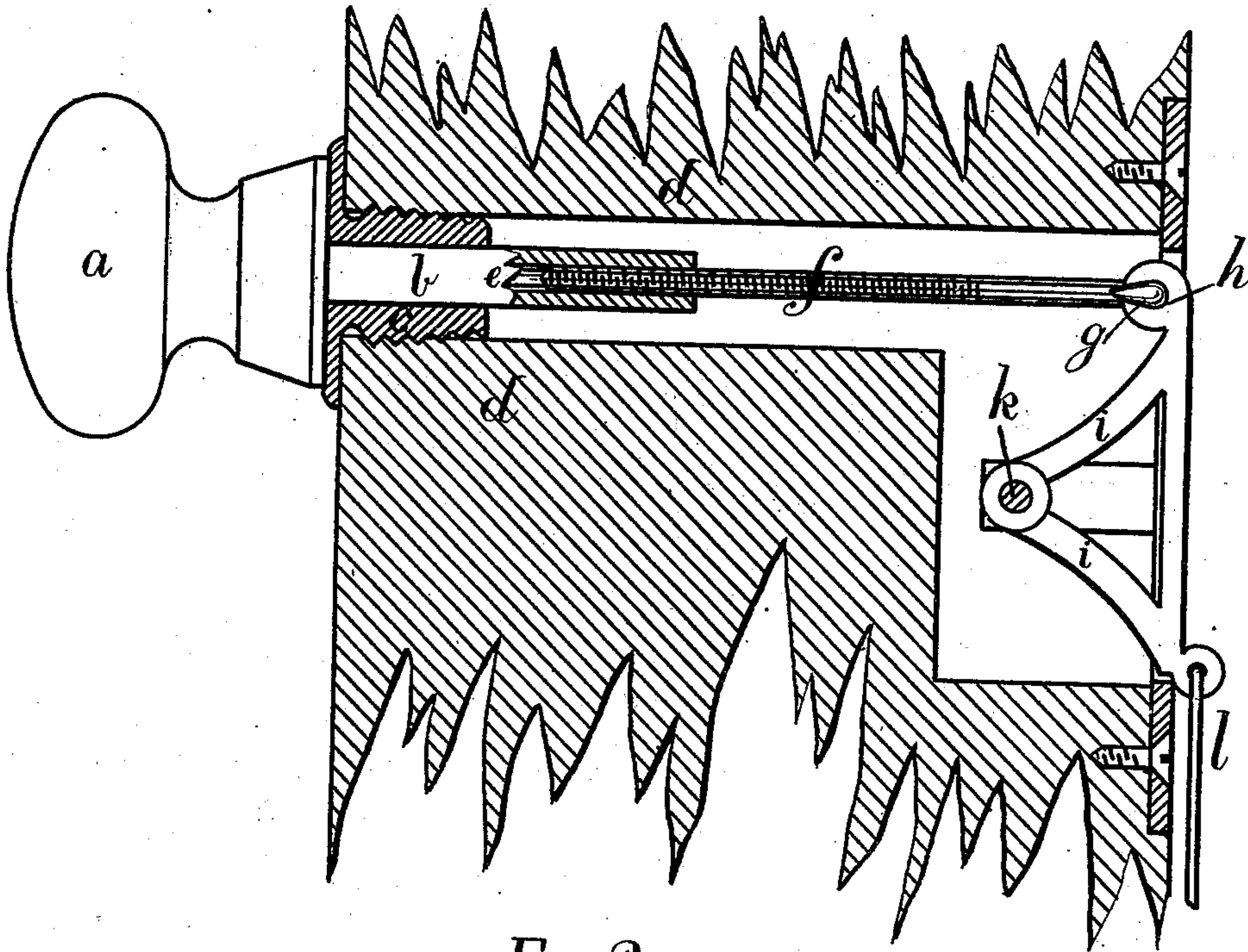
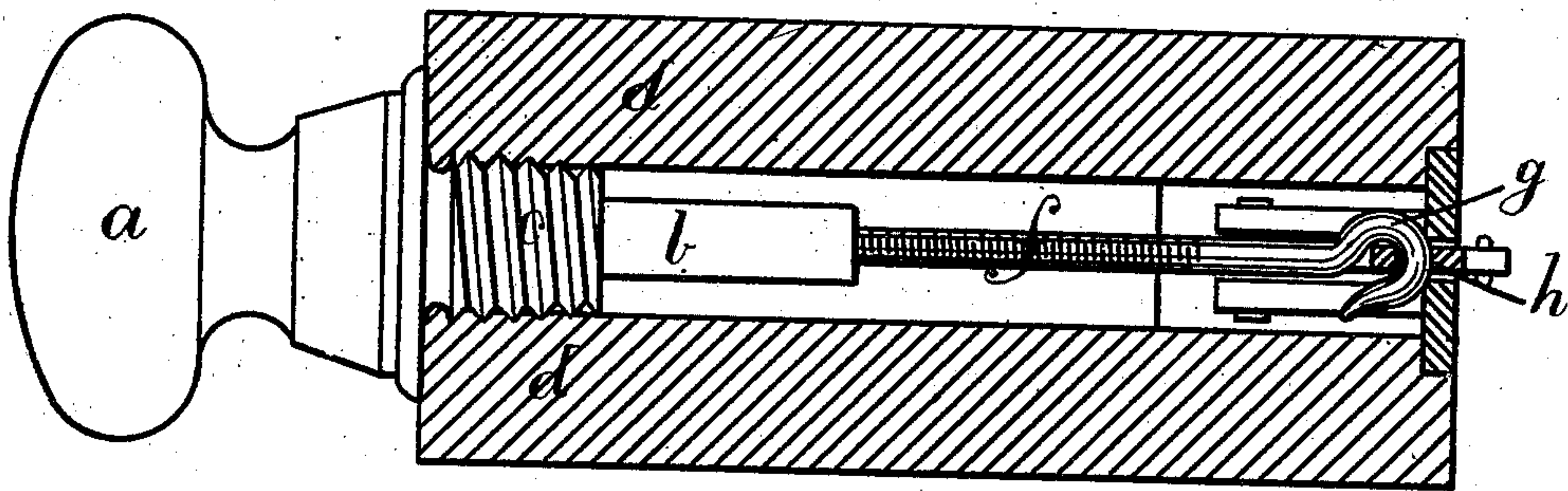


Fig. 2.



Witnesses:

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Inventor:

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UNITED STATES PATENT OFFICE.

AUSTIN WHITCOMB, OF BEVERLY, MASSACHUSETTS.

IMPROVEMENT IN BELL-PULL ATTACHMENTS.

Specification forming part of Letters Patent No. **176,910**, dated May 2, 1876; application filed January 19, 1876.

To all whom it may concern:

Be it known that I, AUSTIN WHITCOMB, of Beverly, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Bell-Pull Attachments; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in bell-pull attachments, and consists of a wire having a hook in its rear end, that is hooked into the eye of the bell crank. The other end of the wire is provided with an exterior screw-thread, that is screwed into a female screw-thread that is made through the center of the shank of the bell pull or handle.

This is a great improvement over the ordinary twisted wire heretofore used to connect the bell-crank and the shank of the bell-pull, which was very liable to get out of order, whereas my invention is very strong and durable, is easily attached or detached to and from the bell-crank and shank of the bell-pull, and is capable of adjustment according to the thickness of the wall or frame where it is located.

To connect my invention I proceed as follows: The hollow screw-threaded shank is inserted through the socket, after which the screw-threaded wire, being cut off to its proper length, is screwed into the screw-threaded part of the shank, and when properly adjusted the hooked end of the wire is inserted through the eye of the bell-crank,

the plate of which is afterward secured to the inside of the frame in the usual manner.

The invention is fully represented in the accompanying drawing, in which Figure 1 represents a sectional elevation, and Fig. 2 represents a plan view.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

a represents the bell pull or handle, to which the shank *b* is secured. The shank *b* is made to move forward and back through the socket *c*, that is attached to the wall or frame *d* in the usual manner.

The shank *b* is provided with an internal screw-thread, *e*, as shown, into which is screwed the end of the screw-threaded wire *f*, as shown. The wire *f* is provided at its rear end with a hook, *g*, that is hooked into the eye *h* of the bell-crank *i*. The said bell-crank *i* is made to swing around the fulcrum *k*, and the bell-wire is attached to the eye *l* of the said bell-crank in the usual manner.

Having thus fully described the nature, construction, and operation of my invention, I wish to secure by Letters Patent, and claim—

The combination, with the handle *a* and its screw-threaded shank *b*, of the screw-threaded wire *f*, having hook *g* attached to the bell-crank *i*, substantially as and for the purpose set forth and described.

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

AUSTIN WHITCOMB.

Witnesses:

ALBAN ANDRÉN,
JOHN W. CARTER.