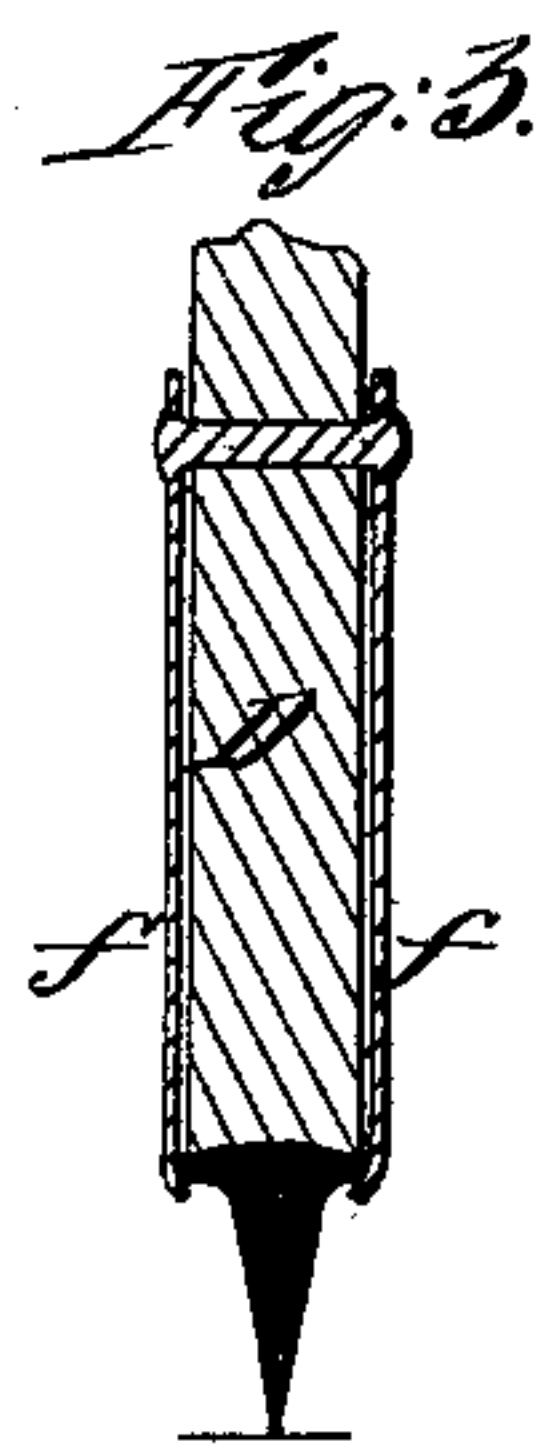
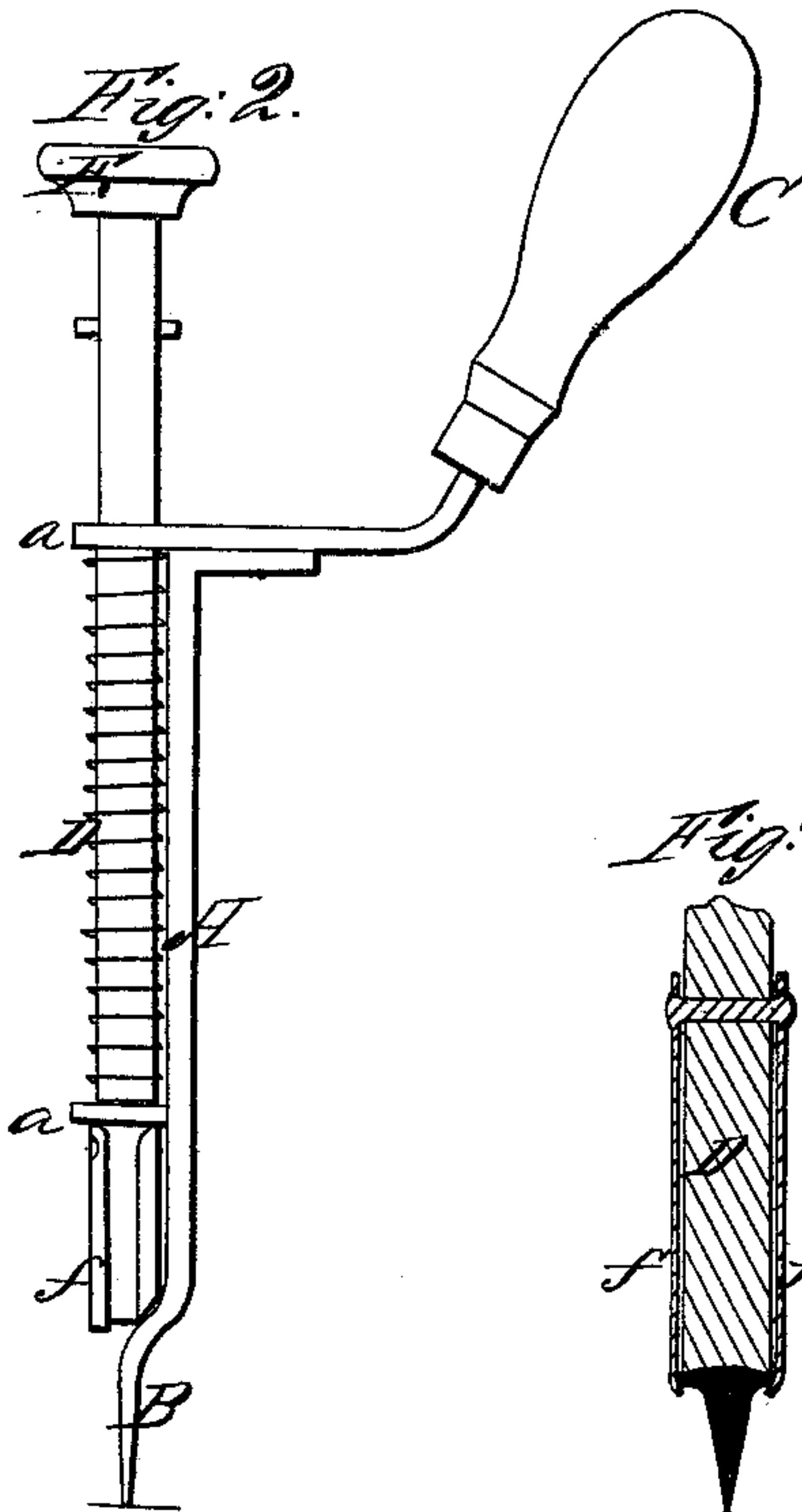
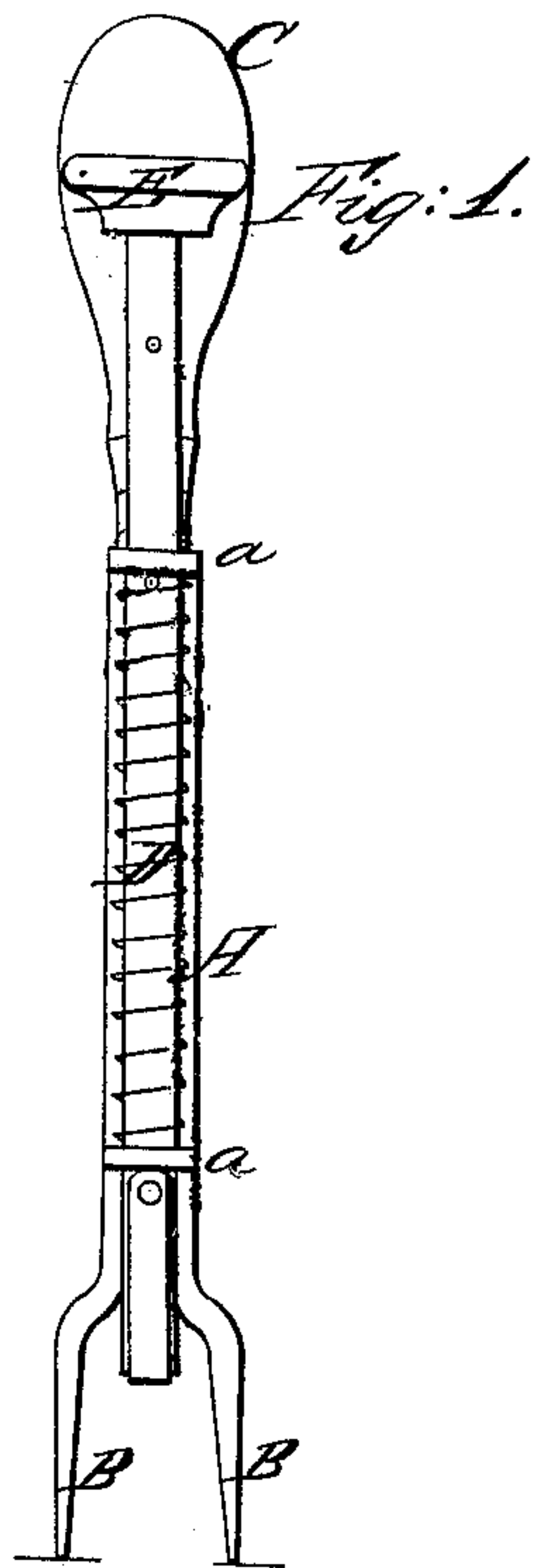


E. S. Wheeler

Carpet Stretcher and Nailer

N^o 91,392.

Patented Jan. 15, 1869.



Witnesses:
J. H. Shinn

A. J. Roberts

Inventor:
Elonzo S. Wheeler
By his Attorney
John E. Earle

United States Patent Office.

ELONZO S. WHEELER, OF WESTPORT, CONNECTICUT.

Letters Patent No. 91,392, dated June 15, 1869.

IMPROVED CARPET-STRETCHER AND NAILER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, ELONZO S. WHEELER, of Westport, in the county of Fairfield, and State of Connecticut, have invented a new Improvement in Carpet-Stretcher and Nailer; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a front view,

Figure 2, a side view,

Figure 3, a sectional view of the end of the hammer-spindle; and in

Figure 4, the operation of the instrument.

This invention relates to an improvement in apparatus for stretching and nailing carpets; and

The invention consists in combining, with a fork-lever, a hammer-spindle, constructed so as to grasp and hold the tack.

The prongs of the fork passing through the carpet, strike the floor as a fulcrum, so that by forcing the lever forward, the carpet is stretched, and, when so stretched, the tack held by the hammer-spindle is driven into the floor, through the carpet, the grasping-device releasing the tack when so driven.

In order to the clear understanding of my invention, I will fully describe the same, as illustrated in the accompanying drawings.

A is a bar or lever, terminating in two prongs, B B, as seen in figs. 1 and 2, the said lever provided with a handle, C, arranged in a convenient position for working the lever.

Upon the lever is arranged a spindle, D, sliding freely in bearings *a*, and held up, by a spiral spring

around the spindle, as seen in figs. 1 and 2, so that when the spindle is driven down by a blow upon the head E, the spring will force it back after the blow.

The lower end of the spindle is provided with a pair of spring-clasps, *f*, so as to grasp and hold the tack placed between the two clasps, as seen in fig. 3.

This instrument is especially designed for carpet-tacks covered with a sheet-metal head, which are always of the same size and form.

The operation of the instrument is as follows:

Stick the prongs B B through the carpet where it is desired to drive the tack, and inclining the lever so as to set the prongs into the floor, at the point where the nail is to be driven, having first fixed the tack in the hammer-spindle; then, the floor serving as a fulcrum, raise the lever to a perpendicular position, as denoted in red, fig. 4, and strike the spindle with the hand, or with an instrument, with sufficient force to drive the tack through the carpet into the floor, and when so driven, the spring will force the spindle upward, and the instrument will be set for driving a second tack, and so on.

Having fully described my invention,

What I claim as new and useful, and desire to secure by Letters Patent, is—

The lever A, combined with the spindle D, the lever arranged for stretching the carpet, and the spindle, provided with a clasping-device to hold the tack, the whole constructed and arranged to operate in the manner herein set forth.

ELONZO S. WHEELER.

Witnesses:

JOHN GOODSSELL,

ABRAM W. BRADLEY.