

No. 759,993.

PATENTED MAY 17, 1904.

A. E. HANDY.
HOLDBACK.

APPLICATION FILED OCT. 20, 1903.

NO MODEL

Fig. 1.

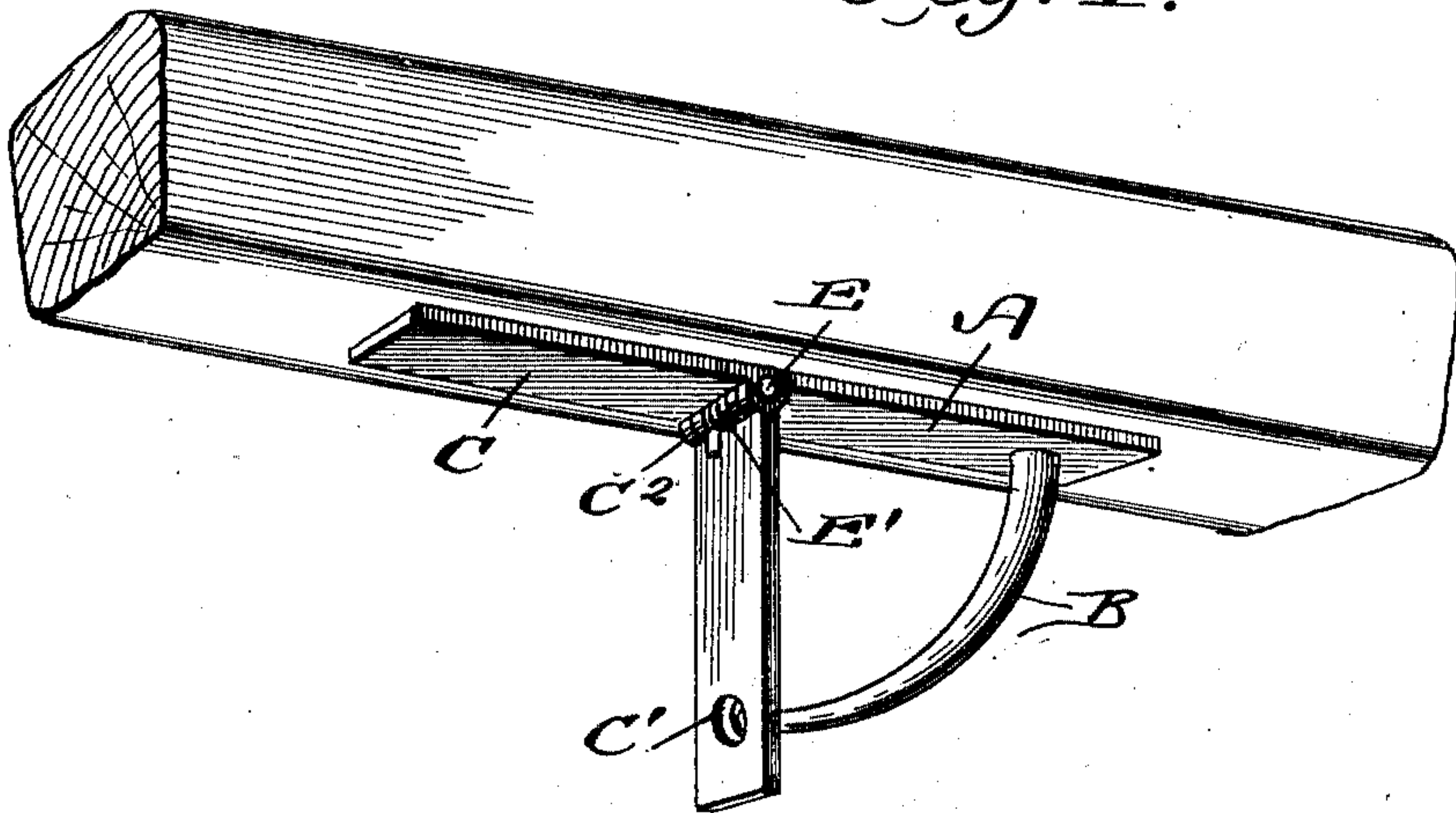


Fig. 2

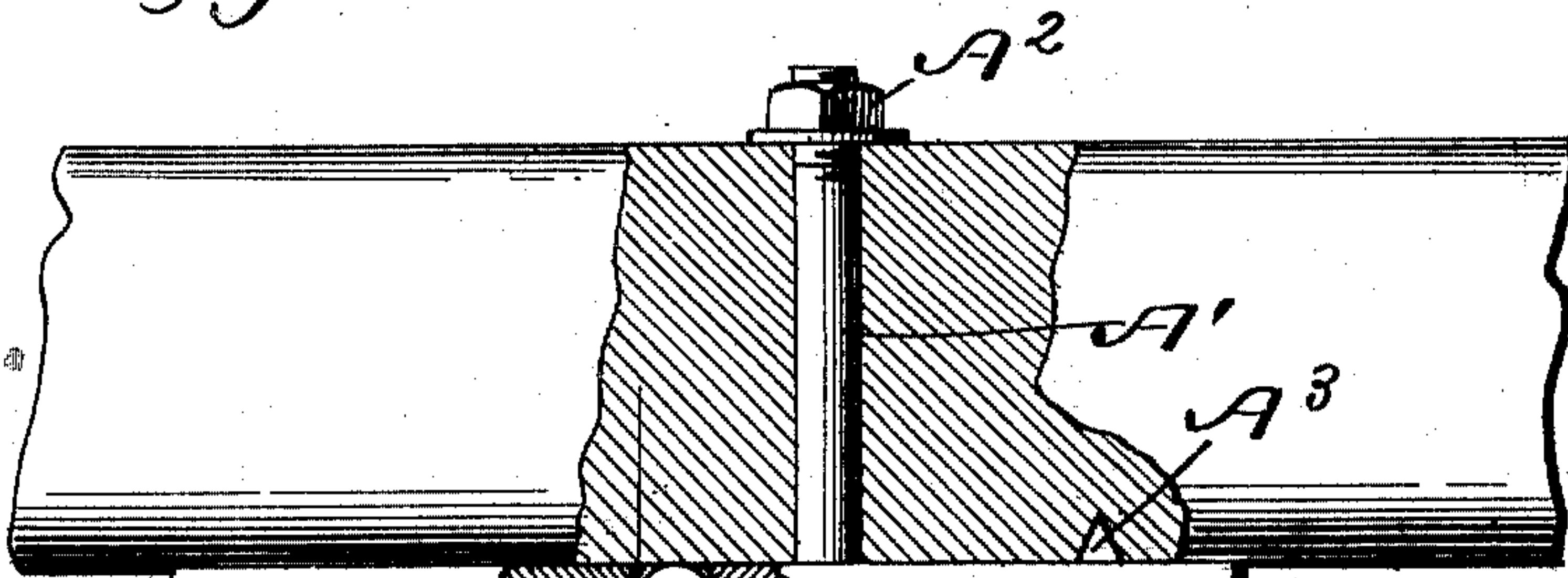


Fig. 5.

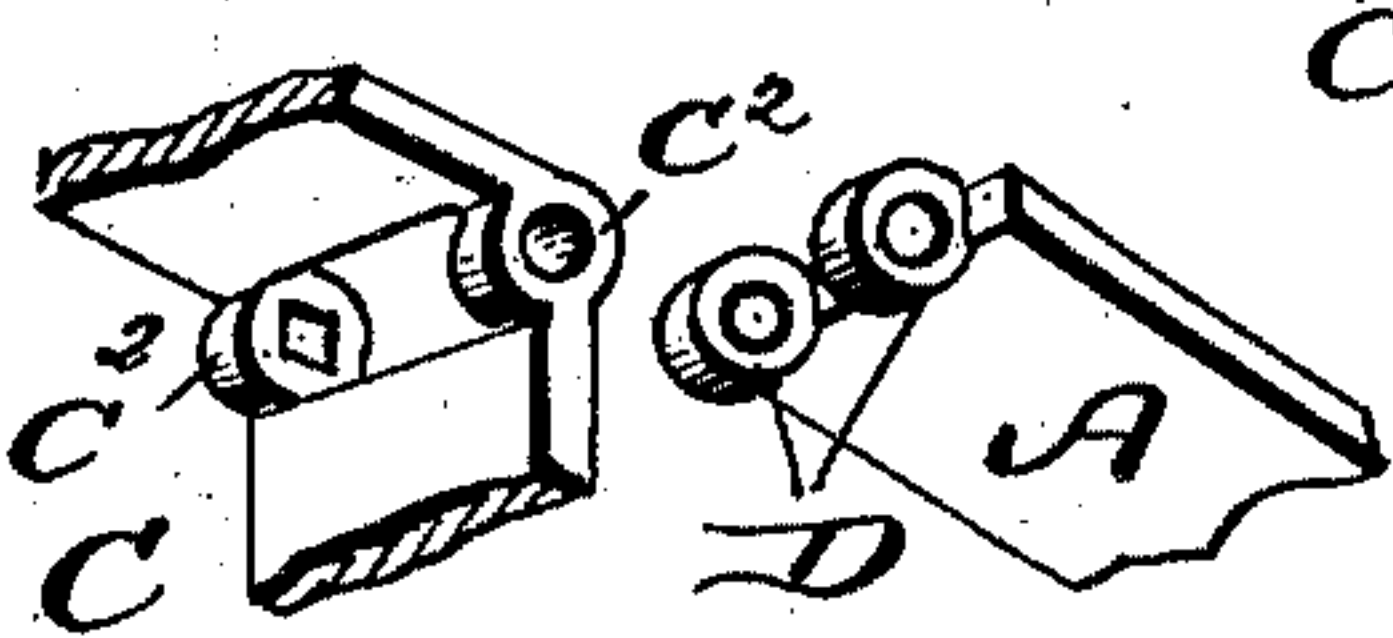


Fig. 3.

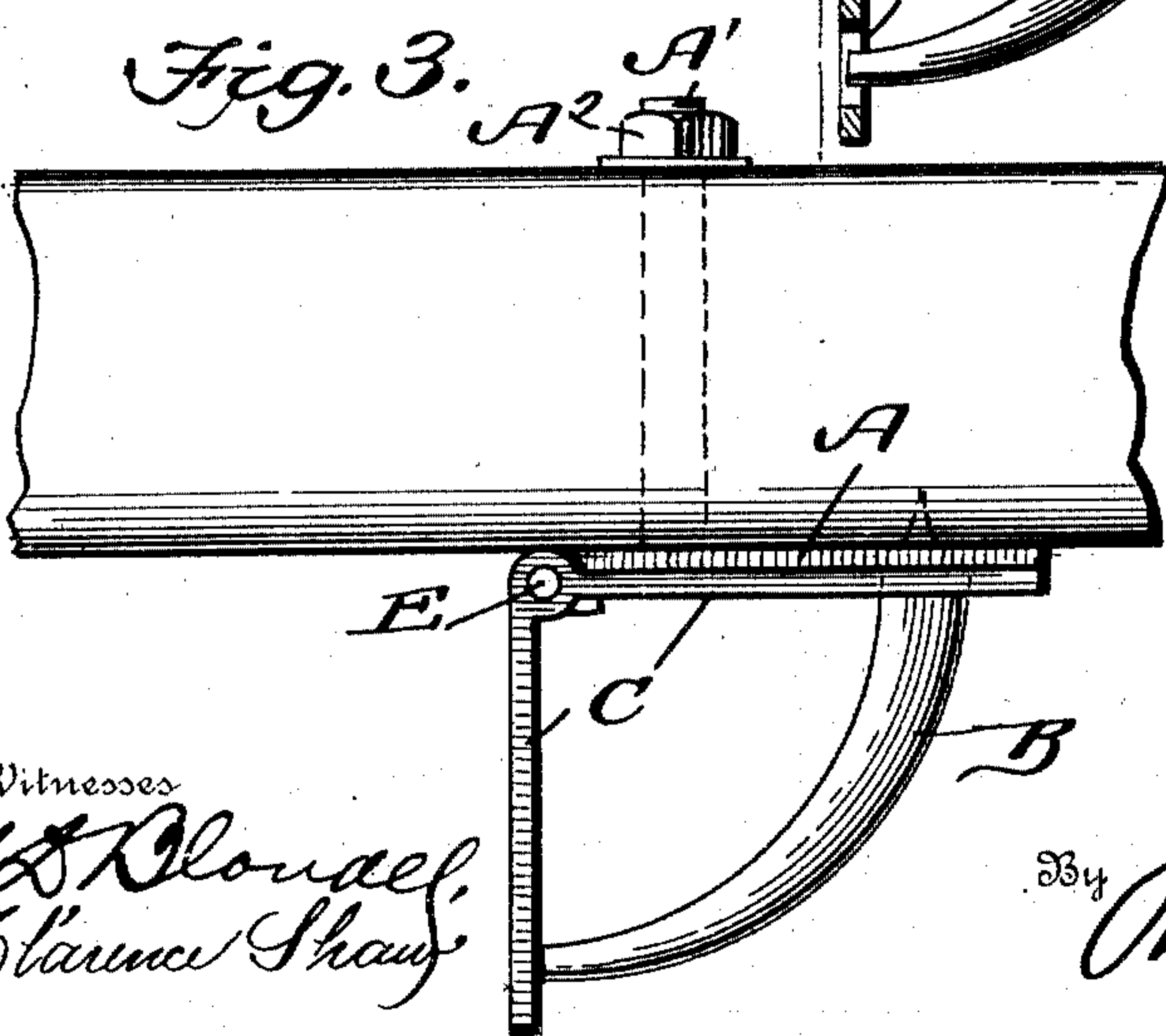
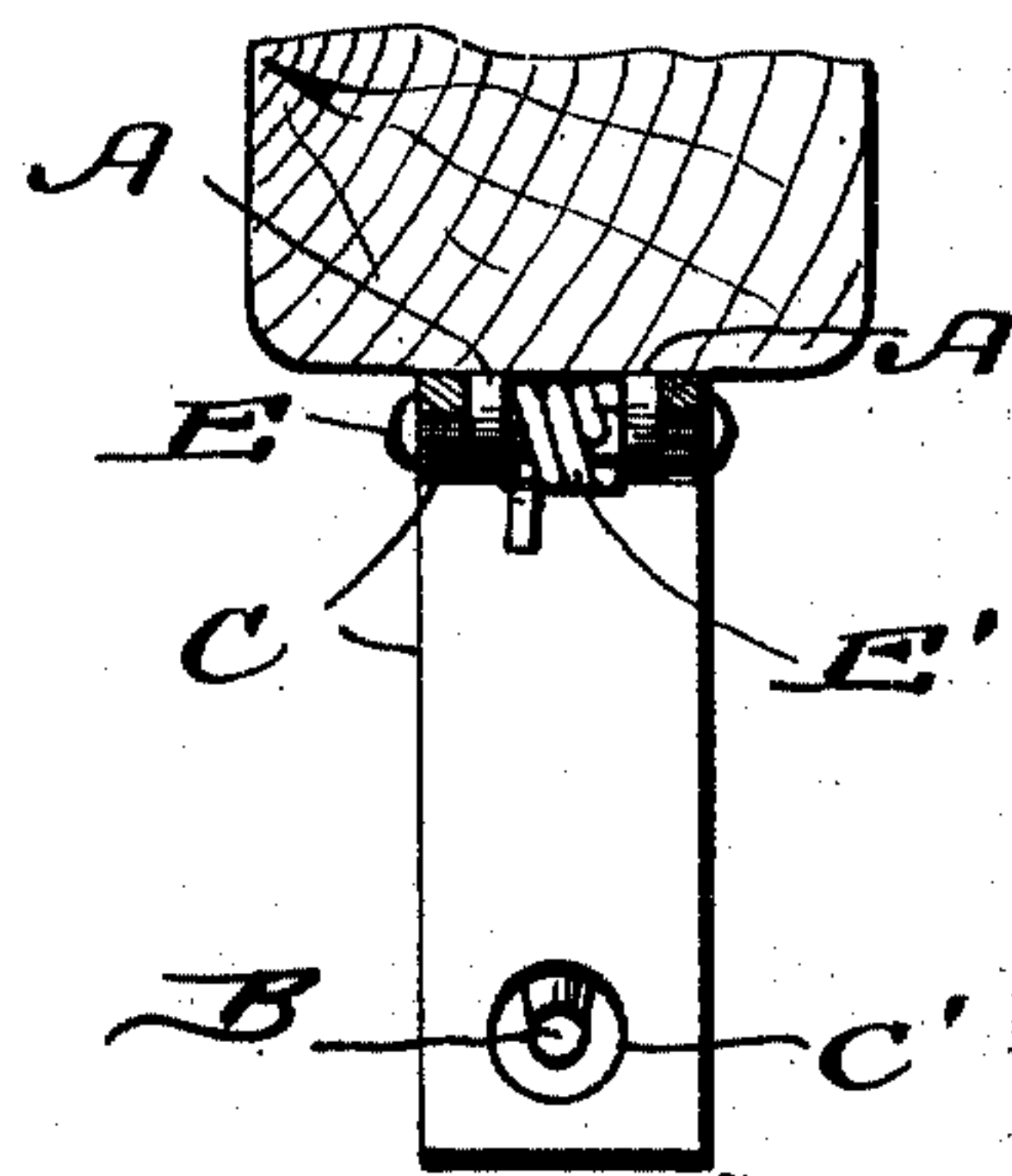


Fig. 4.



Inventor

A. E. Handy.

By

M. H. Brock

Attorneys

Witnesses
M. H. Brock
Clarence Shaw

UNITED STATES PATENT OFFICE.

ARTHUR E. HANDY, OF WINCHESTER, NEW HAMPSHIRE.

HOLDBACK.

SPECIFICATION forming part of Letters Patent No. 759,993, dated May 17, 1904.

Application filed October 20, 1903. Serial No. 177,788. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR E. HANDY, a citizen of the United States, residing at Winchester, in the county of Cheshire and State of New Hampshire, have invented a new and useful Improvement in Holdbacks, of which the following is a specification.

My invention relates to that class of harness attachments known as "holdbacks;" and the object of my invention is a device of this kind which can be readily attached to the shaft to which the holdback-strap can be quickly secured even with gloves or mittens on and in which a forward pull on the strap will release it, thereby permitting it to become detached in case of a broken whiffletree or should the horse otherwise become released, thus obviating danger of the shaft being broken.

My invention consists of the novel features of construction and combination of parts hereinafter described, particularly pointed out in the claims, and shown in the accompanying drawings, in which—

Figure 1 is a perspective view showing my device in position on the shaft. Fig. 2 is a side elevation, the shaft being shown partly in section. Fig. 3 is a side elevation showing the position assumed by the parts when the strap is secured in position. Fig. 4 is an end view, parts being in section, showing the arrangement of the spring. Fig. 5 is a perspective view of portions of the device, showing the manner of hinging the angle-plate to the base, the two parts being shown as detached.

In constructing my device I employ a rectangular flat base-plate A, secured to the shaft by means of the bolt A' and nut A², as shown in Fig. 2. This base has formed on it an integral forwardly-curved horn B, tapering gradually to a point. Hinged to the forward end of the base-plate is an angled plate C, one member of the plate being perforated, as shown at C'. Parallel perforated lugs D are formed on the front end of the plate A, the lugs being slightly spaced apart and also formed a short distance from the corners of the plate. The angled plate C is centrally cut out at the juncture of its two members, and eyes C² are formed in the angle of the plate,

said eyes fitting over the outer sides of the lugs D and registering with the perforations in said lugs. A pintle E passes through the lugs and eyes, and a coiled spring E' is arranged on the pintle between the lugs D, and one end of the spring bears on the perforated member of the angled plate C. The perforation C' is of sufficient diameter and so placed that the perforated plate will slide over the curved horn and rest against the base-plate A, bringing the non-perforated plate of the plate C against the tip of the horn, as shown in Fig. 3.

While in the drawings no part of the harness is shown, yet it will be readily understood that the holdback-strap is slipped over the horn B, the member C being in the position shown in Fig. 2 when the strap is placed on the tip of the horn and thrown into the locking position (shown in Fig. 3) as the strap is pressed down.

While the device is illustrated herein as being on the under side of the shaft, yet it is understood that it can be placed on the top or any part of the shaft that is most convenient or as may be desired by the user.

A spur A³ is formed on the base-plate A to keep same from turning on the shaft.

Having fully described my invention, what I desire to secure by Letters Patent and claim as new is—

1. A device of the kind described comprising a base-plate, a horn on the base-plate, an angled hinged plate having a perforated member adapted to fold down on the base-plate over the horn, and a non-perforated member adapted to engage the tip of the horn when the perforated member is folded on the base-plate.

2. A device of the kind described comprising a base-plate having an integral horn, an angled plate hinged at the angle to an end of the base-plate and having a perforated member adapted to engage the horn and fold on the base-plate, and a non-perforated member adapted to bear against the tip of the horn when the perforated member is folded.

3. A device of the kind described comprising a base, a curved horn thereon, an angled plate cut out centrally in the angled portion,

eyes formed on the sides of said portion, lugs
formed on the ends of the base-plate, said lugs
having perforations adapted to register with
the eyes of the angled plate, a pintle adapted
5 to pass through the lugs and eyes, a spring
encircling said pintle and bearing on a mem-
ber of the angled plate, one member of the
angled plate being adapted to fit over the horn
and rest on the base-plate.

ARTHUR E. HANDY.

Witnesses:

CARLOS C. DAVIS,
HERBERT V. FOSTER.