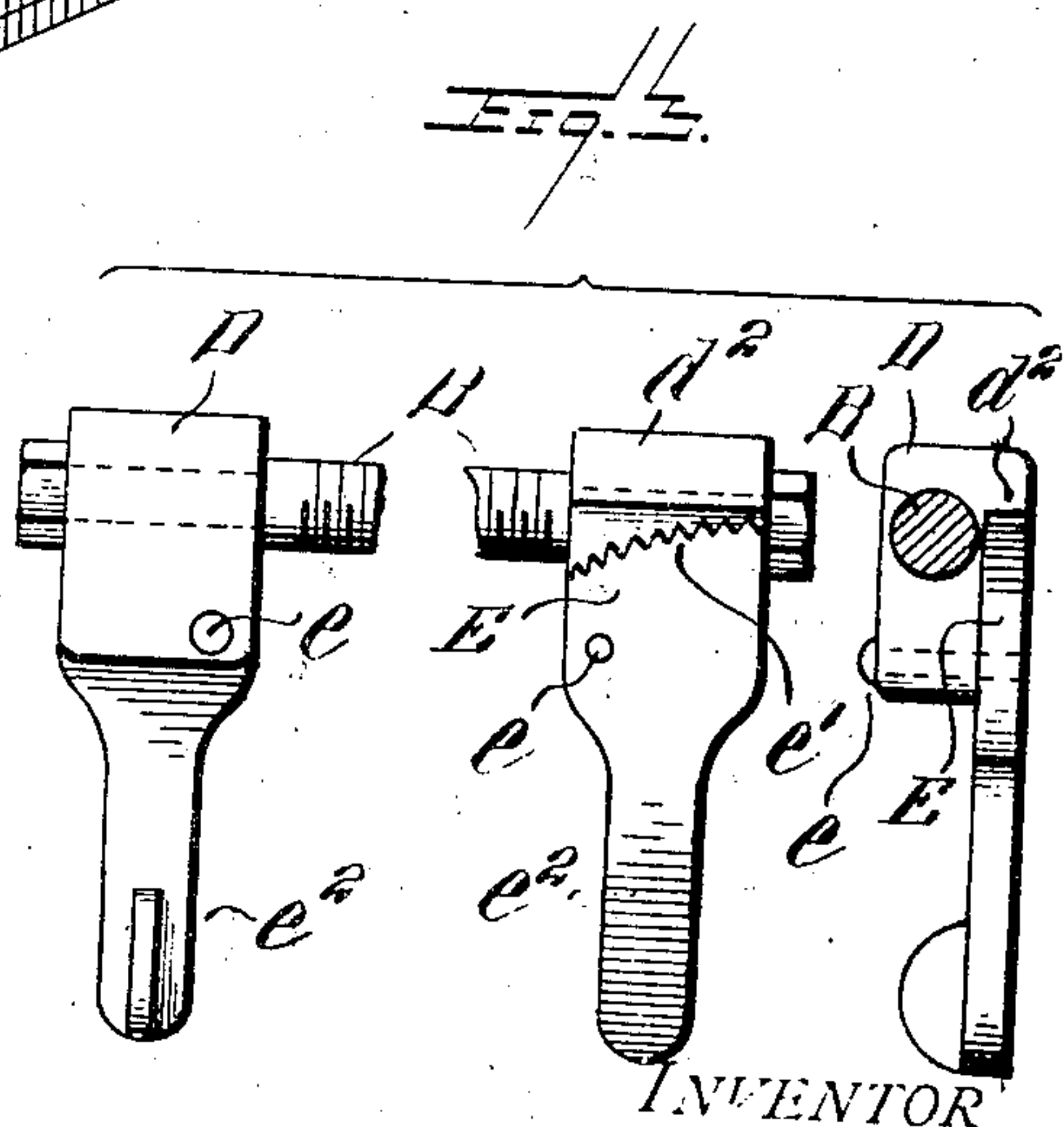
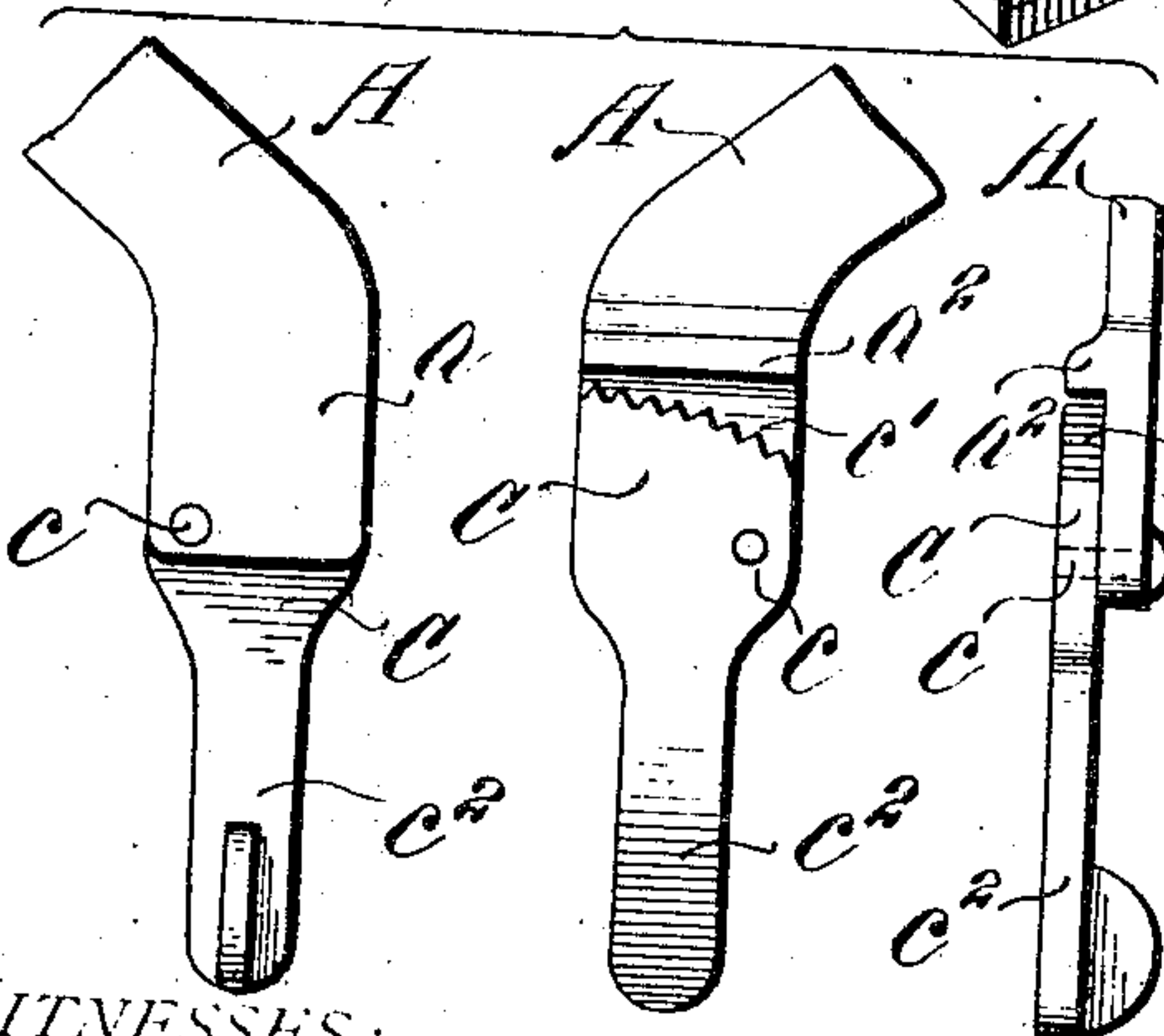
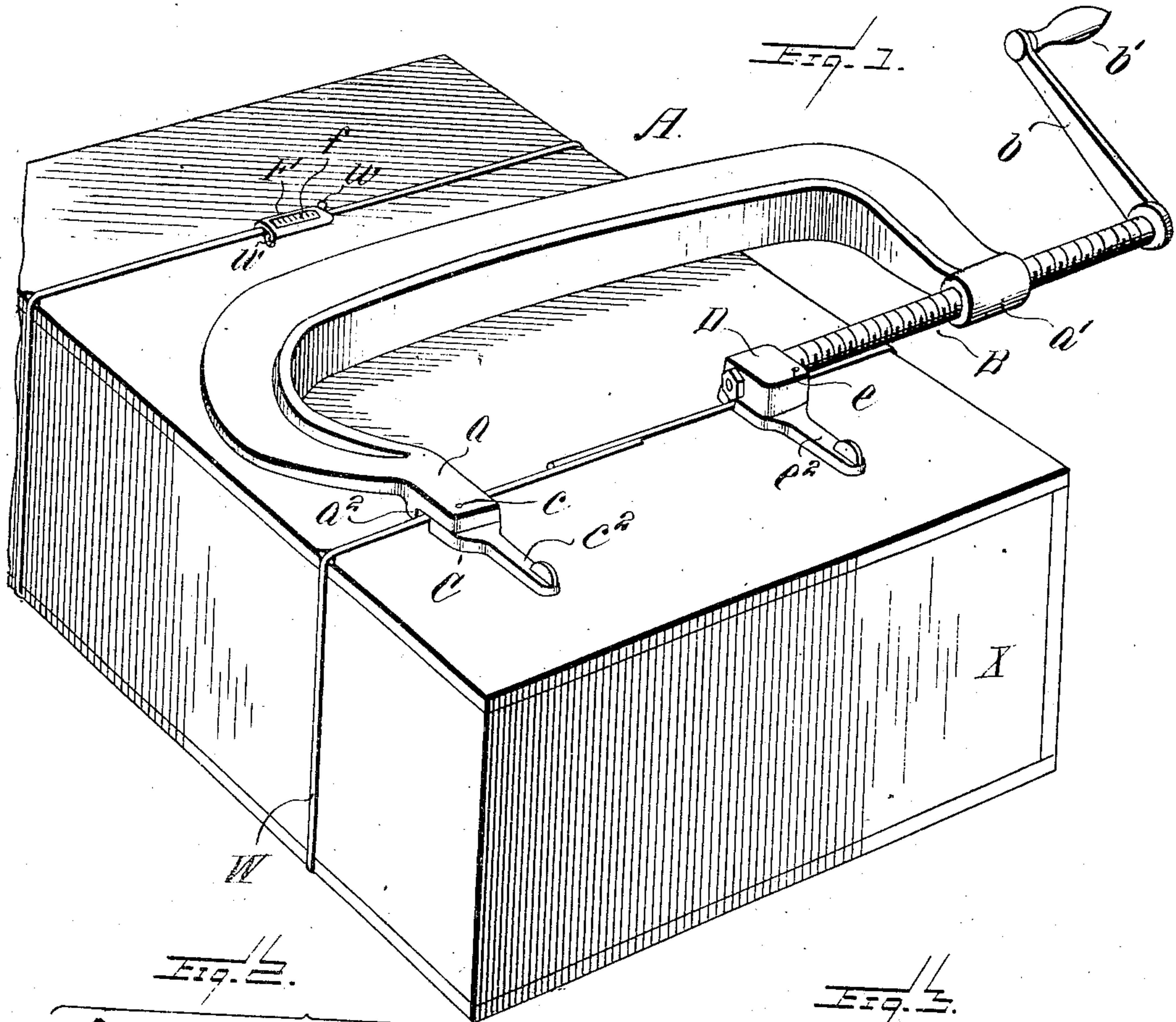


908,325.

H. N. PLATTS.
 APPARATUS FOR WIRING BOXES, &c.
 APPLICATION FILED APR. 4, 1908.

Patented Dec. 29, 1908.



WITNESSES:

J. K. Moore
J. K. Moore

INVENTOR

Harvey N. Platts.
 By *Whitcomb*
 Attorneys

UNITED STATES PATENT OFFICE.

HARVEY NIXON PLATTS, OF BRADFORD, PENNSYLVANIA.

APPARATUS FOR WIRING BOXES, &c.

No. 808,825.

Specification of Letters Patent.

Patented Dec. 29, 1908.

Application filed April 4, 1908. Serial No. 425,280.

To all whom it may concern:

Be it known that I, HARVEY N. PLATTS, a citizen of the United States, residing at Bradford, in the county of McKean and State of Pennsylvania, have invented certain new and useful Improvements in Apparatus for Wiring Boxes, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention consists in the novel features hereinafter described, reference being had to the accompanying drawing which illustrates one form in which I have contemplated embodying my invention and the invention is fully disclosed in the following description and claims.

Referring to the said drawings, Figure 1 represents a perspective view of my improved apparatus, showing the manner of using the same. Fig. 2 represents in detail, top plan, bottom plan and side elevation of one of the wire clamps with which the device is provided, and Fig. 3 represents in detail, top plan, bottom plan and elevation of the other of said wire clamps, showing its swivel connection with the straining screw.

The object of my invention is to provide a simple and inexpensive device for attaching binding wires to wooden or other boxes or receptacles, whereby the merchandise contained therein may be shipped with a minimum of danger of loss or injury during transit.

The device as shown in the drawing consists of a strong metallic frame A preferably C-shaped and provided at one of its extremities *a* with a wire clamp and at the other extremity with a threaded sleeve *a'* through which extends a screw shaft B, carrying at its inner end a second wire clamp, connected thereto so as not to interfere with the rotation of the screw shaft with respect thereto. The extremity *a* of the frame A is preferably provided on its under side with a rib or shoulder *a²*, a short distance from the end of the frame, and a jaw C is pivotally connected at *c* to the frame, near said end, and is provided with a curved portion *c'* preferably roughened or serrated as shown, for clamping the binding wire, shown at W, between it and the rib *a²*. The jaw C has an arm *c²* extending therefrom for operating the same upon its pivotal connection.

The inner end of the screw B is provided

with a cylindrical reduced portion which engages a bearing aperture in a block D to which it is secured by a nut, as shown, or by upsetting the end of the screw. The block D is provided with a rib or shoulder *d²* and E represents a clamping jaw, similar in form to the jaw C, pivoted at *e* to the block D and having a roughened or serrated curved clamping face *e'* opposed to the shoulder *d²* and having also an operating arm *e²*. The screw B is also provided with an operating crank arm *b* having a handle *b'* at its outer end, for operating the screw.

In using my improved device, a piece of wire W is placed around the box or receptacle X, the corners of which are preferably notched, as shown, to prevent the wire from being slipped laterally after it has been secured. The ends of the wire are then placed in engagement with the clamps, as shown in Fig. 1 the frame A being preferably laid on top of the box for convenience and the screw B is then turned by means of handle *b'* so as to strain the wire as tightly as is desired around the box and moving the end portions past each other in opposite directions.

In order to secure the ends of the wire together, I slip over them a small section of metal tubing shown at F which has an internal diameter sufficiently large to accommodate the ends of the wires side by side. The opposite ends of the wires are then bent upward or laterally to form hook portions *w w* engaging opposite ends of the tube, and the surplus wire is cut off as indicated in Fig. 1. I prefer to make the tube F of lead, brass or copper, or other soft metal and to impress thereon a seal by means of a suitable die, and a hammer as indicated at *f* thereby crushing the tube F tightly upon the wire ends, and leaving an imprint in the tube which may be the name or the advertisement or trade mark of the shipper, and thus precluding any tampering with the box without destroying the seal.

By means of my improved device one, two or more wires can be very quickly applied to a box or packing case or other receptacle, and the box can be sealed if desired by simply indenting the soft metal tube, as desired.

What I claim and desire to secure by Letters Patent is:—

1. In a device for wiring boxes, the combination with a C-shaped frame, provided at one end with a wire clamp, and at the other with an interiorly threaded sleeve substan-

tially in line with said wire clamp, of a screw shaft extending through said sleeve, a wire clamp having a swivel connection with one end of said screw shaft and means for rotating said screw shaft, substantially as described.

2. In a device for wiring boxes, the combination with a C-shaped frame provided at one end with a wire clamp and at the other end with an interiorly threaded sleeve, a screw shaft extending through said sleeve and having a reduced portion at its inner end, a block provided with a bearing aperture engaging the reduced portion of said screw, a wire clamp carried by said block and means for rotating said screw shaft, substantially as described.

3. In a device for wiring boxes, the combination with a C-shaped metal frame having

one end provided with a shoulder, and a pivoted clamping jaw adjacent thereto, the other end of said frame being provided with an interiorly threaded sleeve, a rotatable screw shaft extending through said sleeve and having a reduced portion on its inner end, a block having a bearing aperture engaging said reduced portion of the shaft and provided with a shoulder, a clamping jaw pivoted to said block adjacent to said shoulder, and means for rotating said screw shaft, substantially as described.

In testimony whereof I affix my signature, in the presence of two witnesses.

HARVEY NIXON PLATTS.

Witnesses:

GEO. W. POTTER,
ELLA R. HARE.