

No. 692,616.

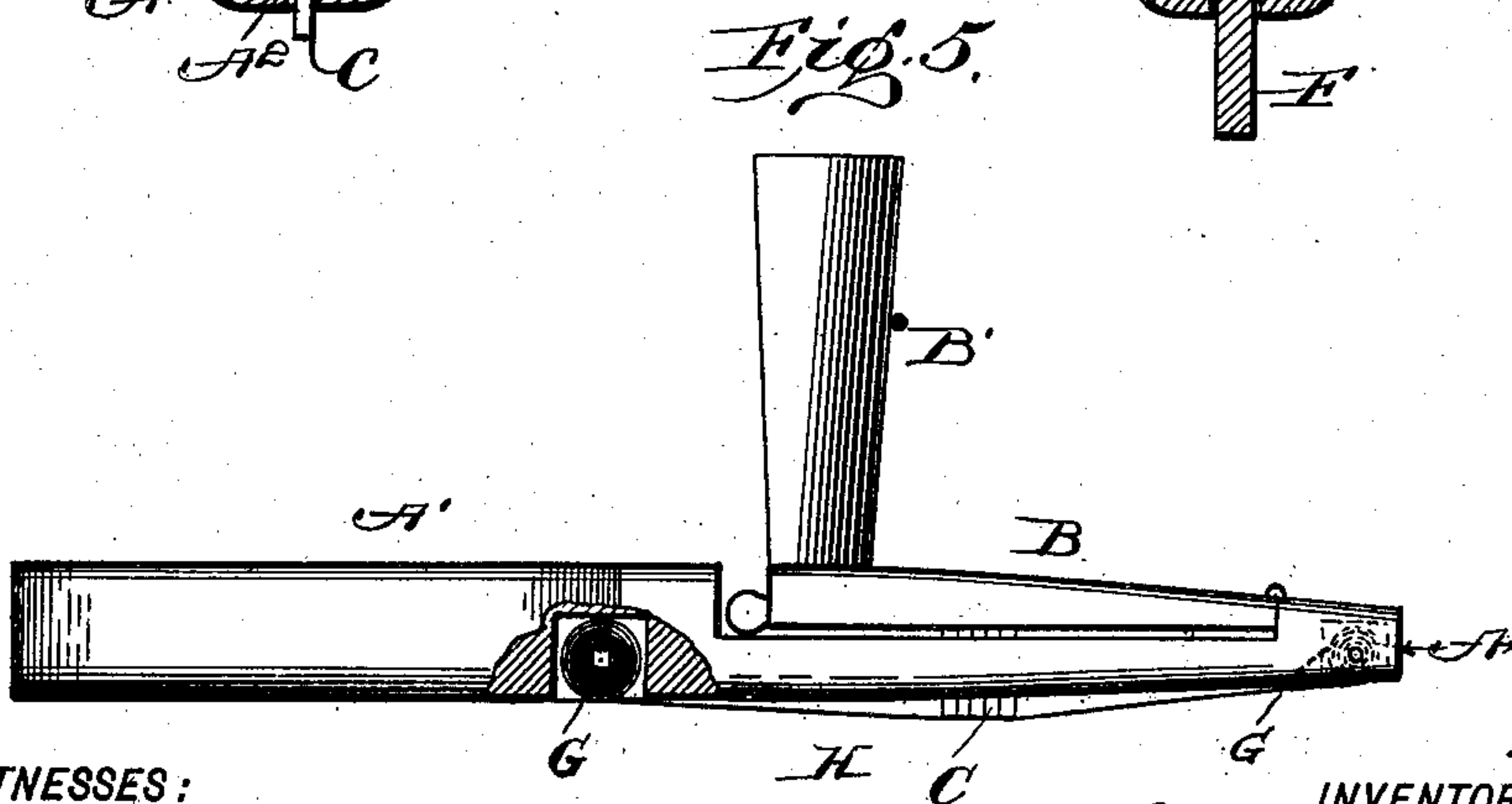
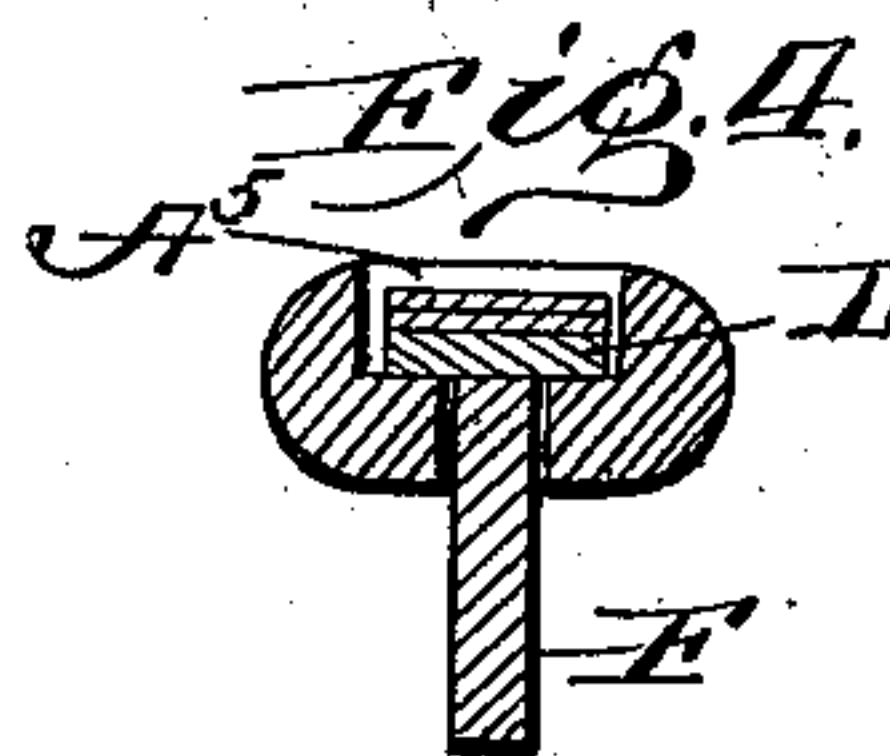
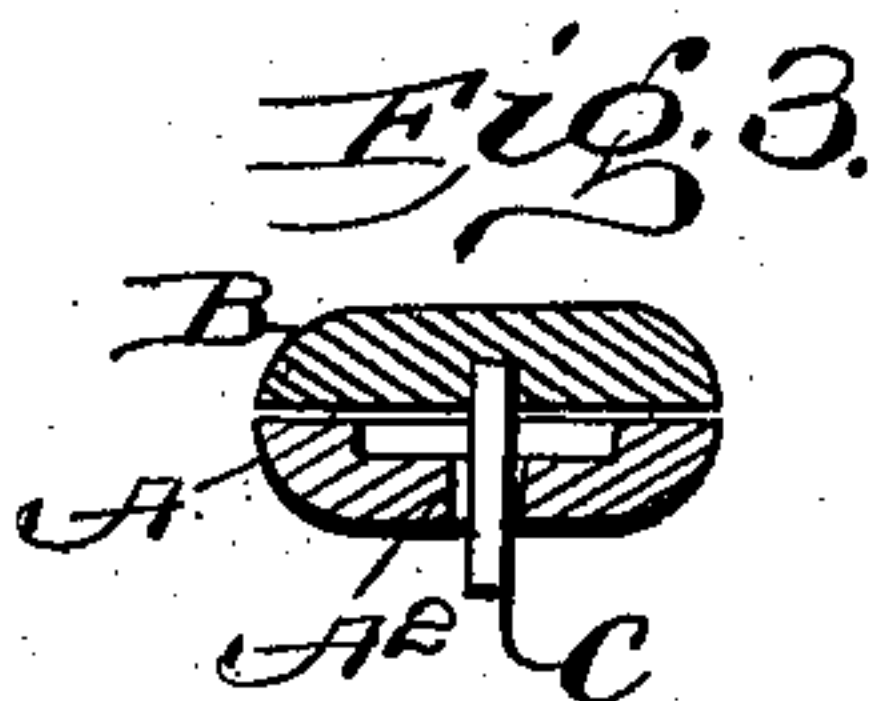
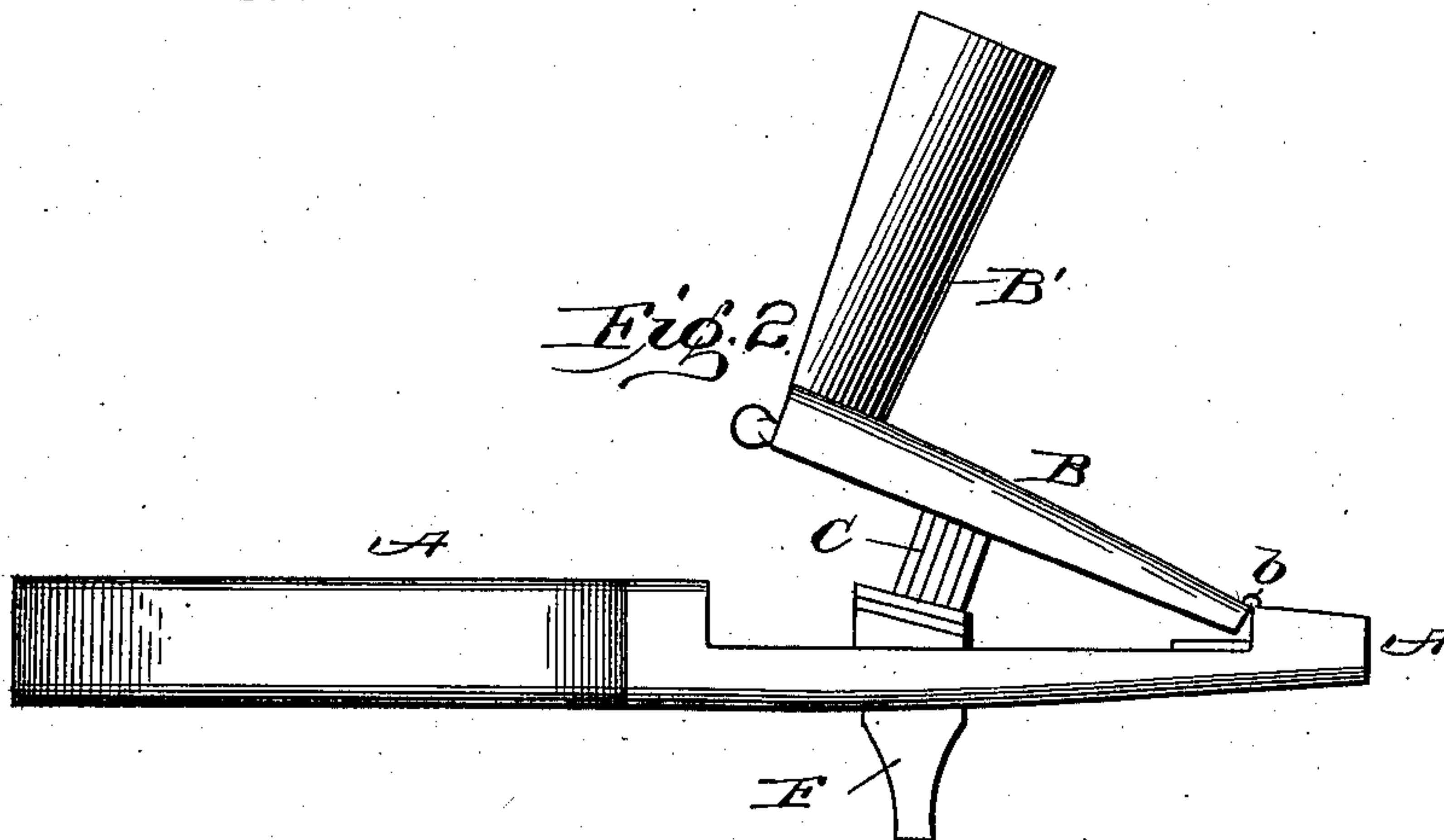
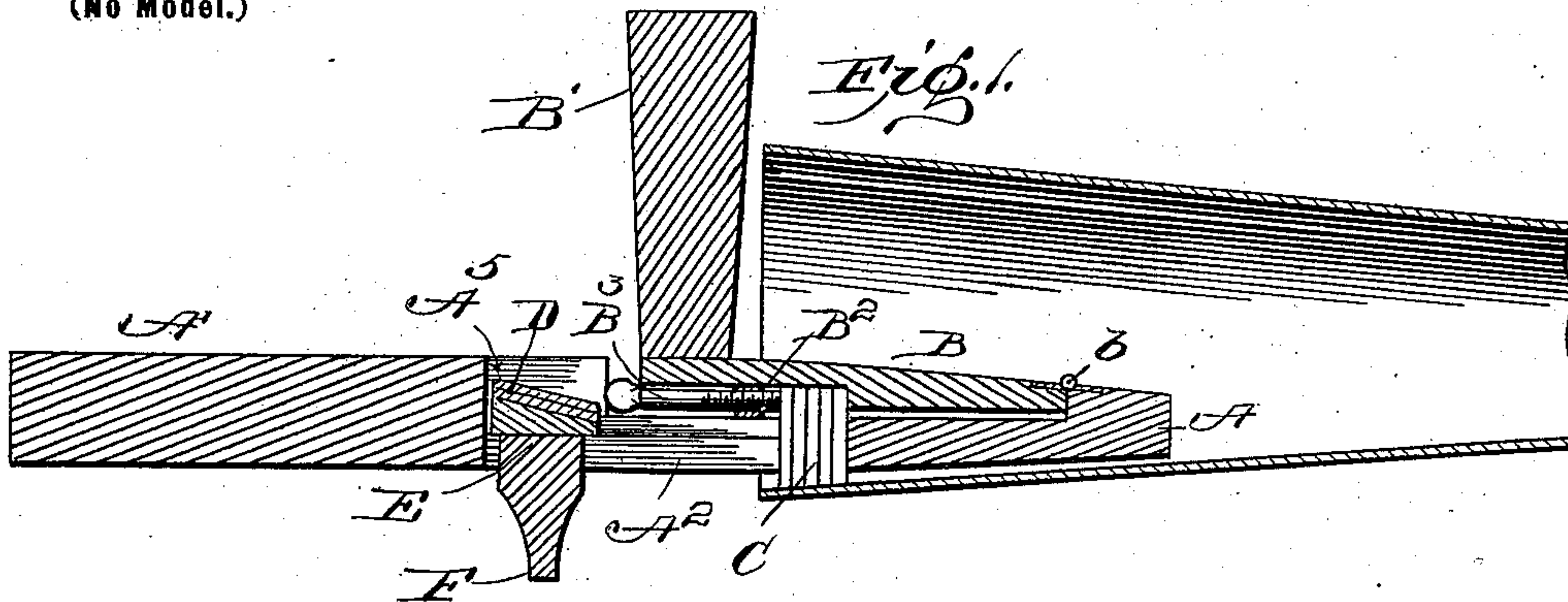
Patented Feb. 4, 1902.

C. H. CALLAHAN.

STAMP FOR PRINTING ON INNER OR OUTER SURFACES OF CONES, CYLINDERS,  
AND CURVED SURFACES.

(Application filed July 6, 1901.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHARLES H. CALLAHAN, OF CEDARTOWN, GEORGIA, ASSIGNOR OF ONE-HALF TO PAUL F. AKIN, OF CARTERSVILLE, GEORGIA.

STAMP FOR PRINTING ON INNER OR OUTER SURFACES OF CONES, CYLINDERS, AND CURVED SURFACES.

SPECIFICATION forming part of Letters Patent No. 692,616, dated February 4, 1902.

Application filed July 6, 1901. Serial No. 67,355. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES H. CALLAHAN, of Cedartown, in the county of Polk, State of Georgia, have invented certain new and useful Improvements in Stamps for Printing on Inner or Outer Surfaces of Cones, Cylinders, and Curved Surfaces; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon.

This invention has for its object the production of a convenient and simple device for making impressions on curved surfaces—such, for instance, as the inner or outer surfaces of cones, cylinders, and the like—by printing, stamping, or otherwise from type or dies.

The invention consists in certain novel details of construction and combinations and arrangements of parts, all as will be now described, and pointed out particularly in the appended claims.

Referring to the accompanying drawings, Figure 1 is a vertical section through a stamp embodying the present improvements and illustrating a use of the device for printing on the inner surface of a cop or cone employed as a yarn-holder in spinning machinery. Fig. 2 is a side elevation of the device, illustrating one way of reinking the type. Fig. 3 is a transverse section taken through the type. Fig. 4 is a similar view through the inking-pad. Fig. 5 is a side elevation, partially broken away, illustrating a modification of the inking mechanism.

Like letters of reference in the several figures indicate the same parts.

The body A of the device is preferably relatively long, its forward end being curved on the lower surface and if designed for operating in cones is somewhat tapered, so as to readily enter the same, while its opposite end is formed into a handle A', by which the device may be held and handled. The upper side of the body A is cut away for a portion of its length for the accommodation of the pivoted member or type-carrier B, which latter is pivoted or hinged at b near the end of the body and preferably conforms generally

on its outer surface to the contour of the adjacent portion of the body. As shown, both members are somewhat tapered to readily enter a cone, and the outer or rear end of the member or type-carrier B is provided with a handle B', adapted to be struck for making the impression, as will presently appear.

For retaining and holding the type, dies, or impressing devices C the holder B is preferably provided with a longitudinal channel B<sup>2</sup>, in which the type may be set, and a screw B<sup>3</sup>, working in from one end, serves to clamp and retain them in place with their working faces projecting and in position to pass through a slot A<sup>2</sup> in the body A. The faces of the type project below the surface of the body when the two members are brought together, and in operation the forward end of the device may be thrust into the cone or other article and by a blow on the handle B' the desired impression formed. Where it is desired to print, the type may be inked before the impression is made or an inked ribbon employed, through which the impression may be made.

As a convenient means for inking the type an inking-pad D may be employed, said pad being mounted on a carrier E, sliding in the slot A<sup>2</sup> and having a projecting trigger or handle F, by means of which the pad may be moved forward to ink the type, as in Fig. 2, and again brought back out of the way of the type-holder. To permit of the latter movement, the slot is extended and the body A is chambered out at A<sup>5</sup> for the accommodation of the pad, as shown. In lieu of the inking-pad an inked ribbon may be employed and held in place over the impression-point by any suitable means—such, for instance, as the rollers G, Fig. 5, located in chambers in the body and adapted to carry a ribbon H, which may be fed along to present a new surface for each impression.

Obviously any ordinary and well-known inking mechanism may be substituted, and the device may be made of metal or wood without departing from the invention.

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

1. In a device such as described, the combination with the body portion, the carrier



pivoted near one end thereof, and adapted to be moved toward and from the body portion and to lie in substantial parallelism therewith, the handle on the body and the independent  
5 handle on the movable member and means for retaining the impression device in the carrier.

2. In a device for the purpose specified, the combination with the relatively long body having the rounded surface at one end, the  
10 handle at the opposite end, the recessed portion above the rounded surface and the slot extending through from said cut-away portion, of the carrier fitting in said recessed portion of the body pivoted at one end and  
15 having a handle at the opposite end, and impressing devices mounted in the carrier and projecting through the slot in the body; substantially as described.

3. In a device of the character specified,  
20 the combination with the elongated body having the handle at one end and the recessed portion and slot at the opposite end, of the carrier mounted in said recessed portion, the type and clamp for holding the same in the  
25 carrier in position to project through the slot

in the body and means for inking the type mounted on the body; substantially as described.

4. In a device of the character specified, the combination with the body and carrier  
30 pivotally mounted thereon, said body and carrier being rounded and tapered toward the end, of type mounted in the carrier and projecting through the body and handles on the outer ends of the body and carrier respec-  
35 tively; substantially as described.

5. In a device of the character specified, the combination with the elongated body and carrier pivotally mounted thereon, type  
40 mounted in the carrier and projecting through the body, of an inking-pad mounted on the body and movable toward and from the path of the type and handles on one end of the body and carrier respectively; substantially as de-  
scribed.

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Witnesses:

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