

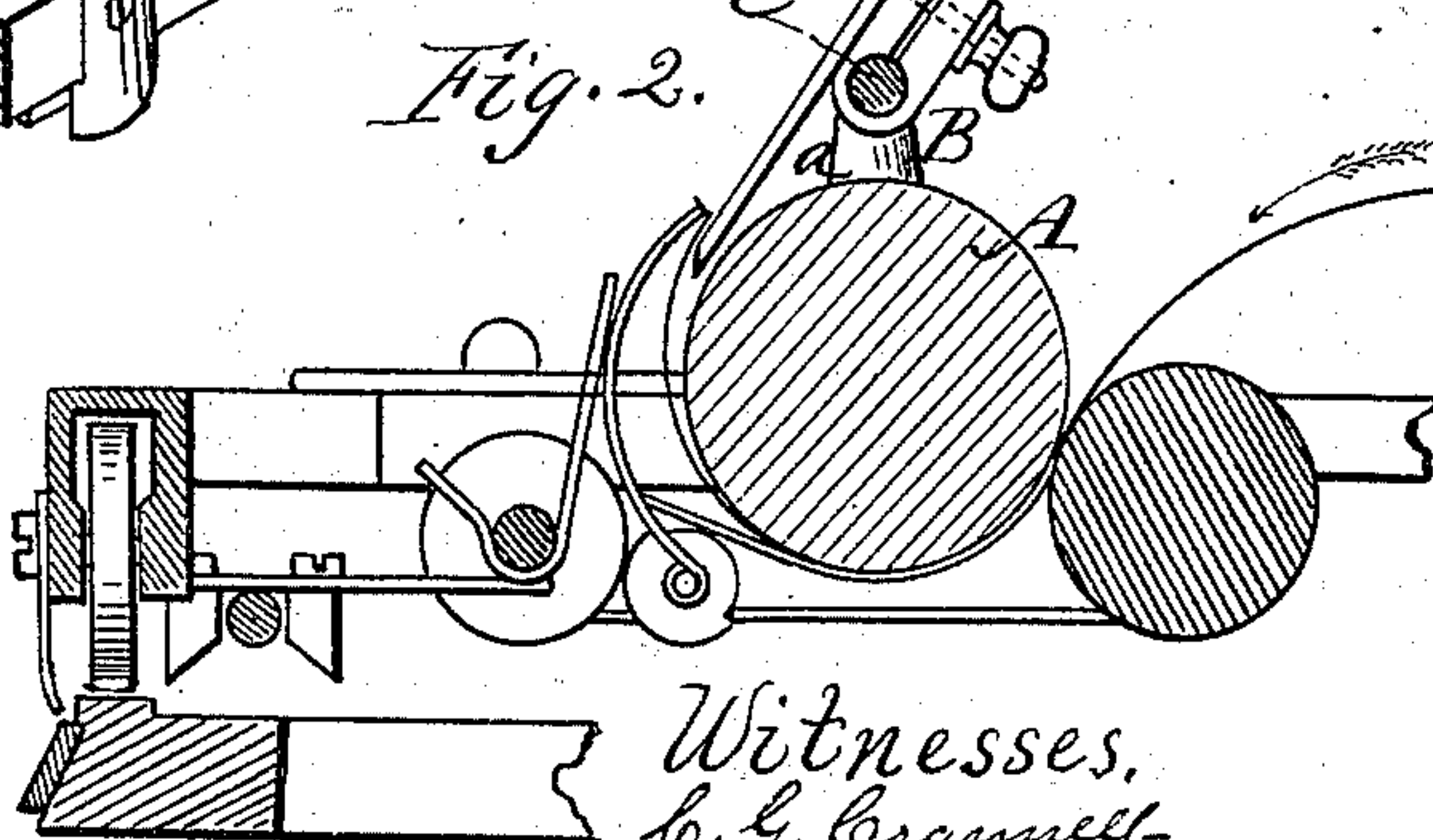
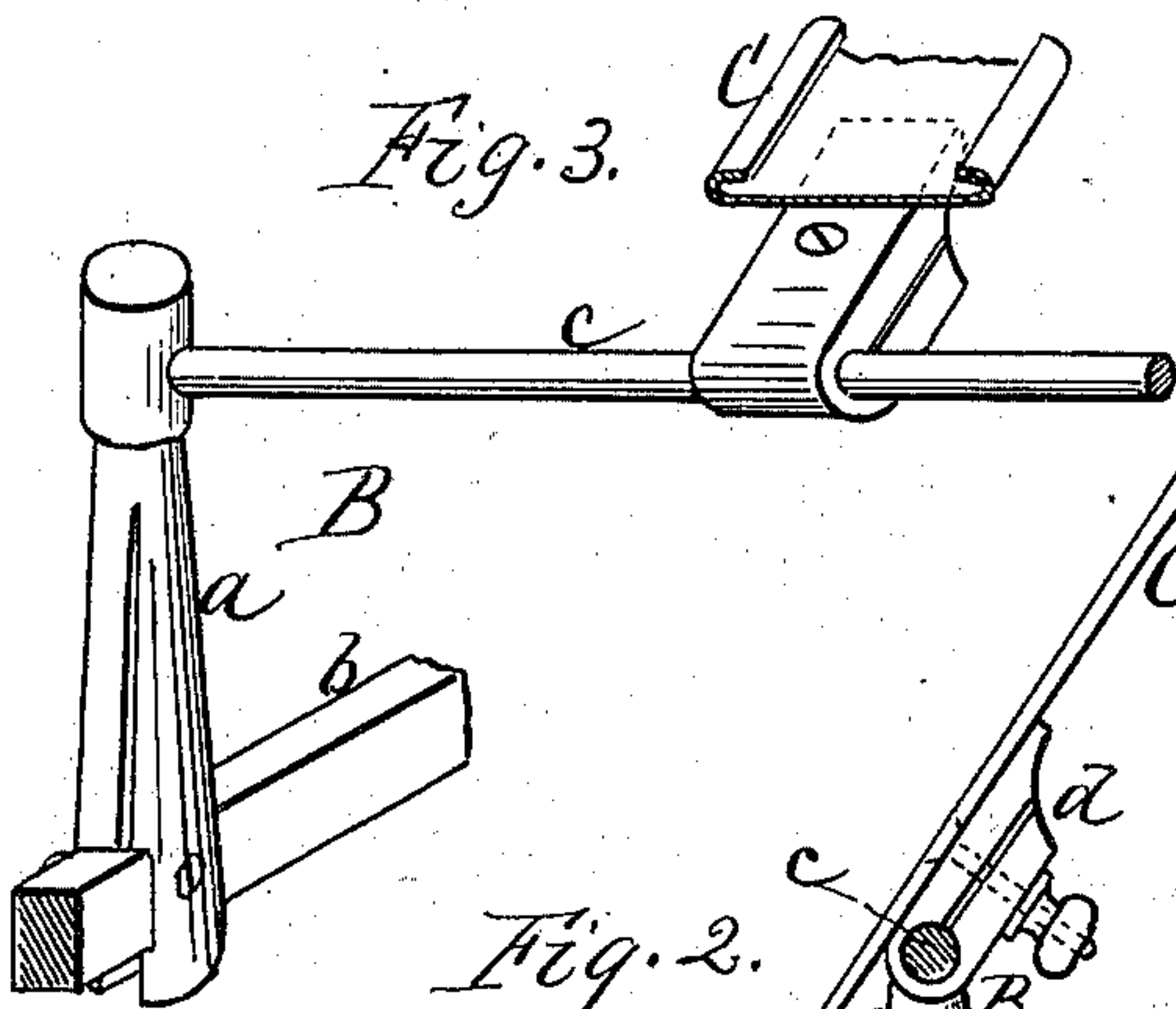
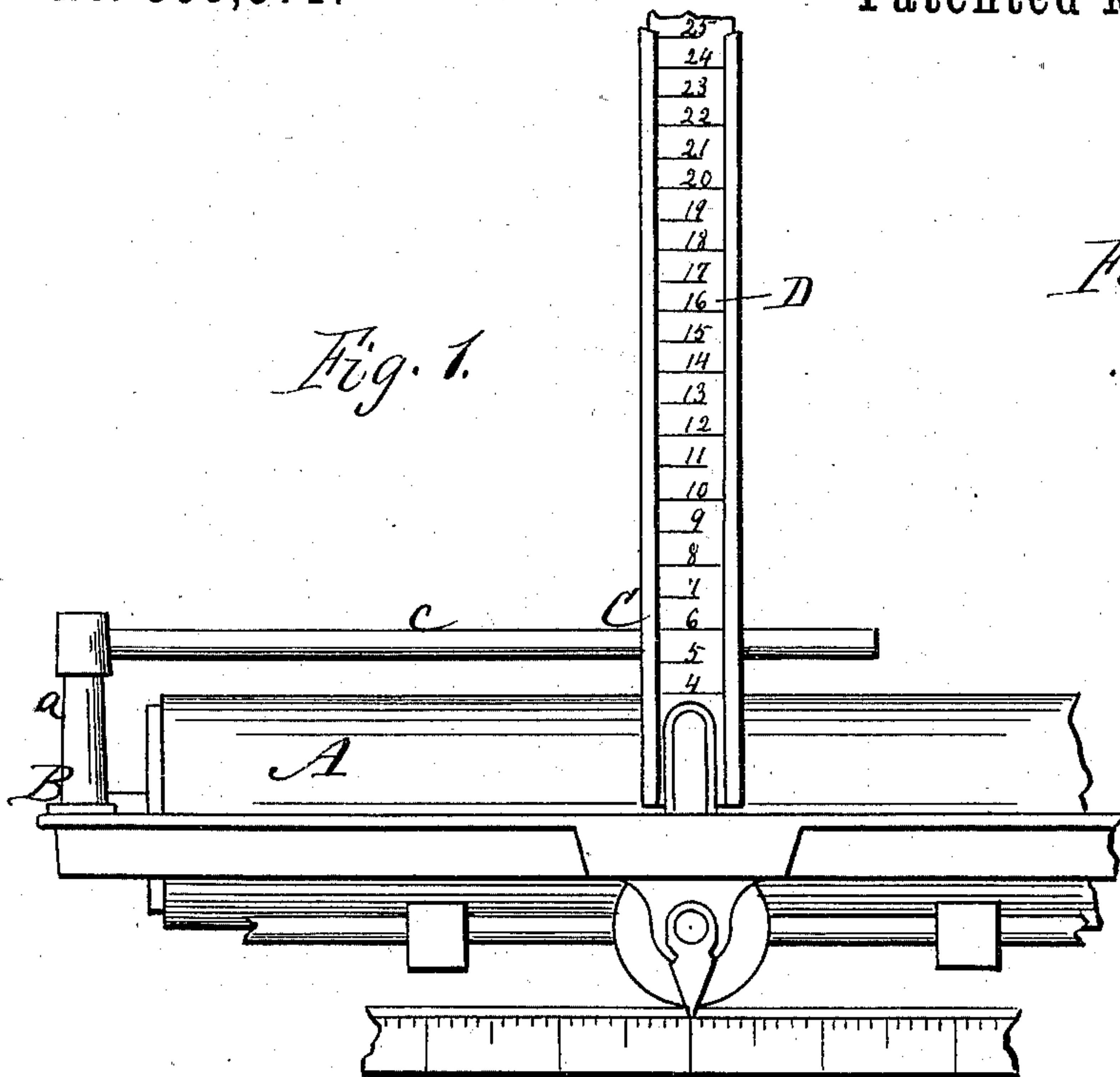
(No Model.)

W. E. DERRICK.

ATTACHMENT FOR TYPE WRITING MACHINES.

No. 559,571.

Patented May 5, 1896.



Witnesses,
C. F. Crannell
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Inventor:

Wm. E. Derrick,
 per R. F. Osgood,
 Atty

Fig. 4.

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entor.

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UNITED STATES PATENT OFFICE.

WILLIAM E. DERRICK, OF PALMYRA, NEW YORK.

ATTACHMENT FOR TYPE-WRITING MACHINES.

SPECIFICATION forming part of Letters Patent No. 559,571, dated May 5, 1896.

Application filed February 15, 1894. Serial No. 500,444. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. DERRICK, of Palmyra, in the county of Wayne and State of New York, have invented a certain new and useful Improvement in Attachments for Type-Writers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the drawings accompanying this application.

The object of my improvement is to provide means by which the position of the printed lines on the paper are indicated to the eye without opening the machine and the proper margin is indicated at the top and bottom of the sheet.

To this end the invention consists of a scale provided with a series of numerals equidistant apart, corresponding with the printed lines and arranged in inverse order from "1" upward, said scale being mounted above the platen or cylinder in an inclined position, and forming a support to the paper as it is fed up by the action of the machine, all as hereinafter described.

In the drawings, Figure 1 is a front elevation of a portion of a type-writer with my improvement attached. Fig. 2 is a cross-section of the same. Fig. 3 is a perspective view of the holder. Fig. 4 is an enlarged face view of the scale. Fig. 5 is an end view of the holder. Fig. 6 is an end view of the scale.

A indicates the platen or cylinder of a type-writing machine, which may be any of the known kinds, that shown being the "Remington."

B is the attachment, consisting of a standard *a*, secured to some stationary part *b* of the machine, and an arm *c*, which extends horizontally over the platen.

C is a holder, consisting of a strip of metal with the edges turned inward to form grooves to receive the scale. It is attached to a knuckle *d*, fastened by a set-screw, by which means the holder can be adjusted to hold the scale.

The construction of the attachment may be varied, as desired, to adopt it to different kinds of machines.

D is the scale. It consists of a strip of cardboard, metal, or any other suitable material, on which are marked at equal distances apart and at distances corresponding with the lines to be printed by the machine a series of numerals from "1" upward in inverse order,

commencing at the bottom, as shown in Fig. 4. The scale is simply placed loosely in the holder, resting on a suitable stop at the bottom and in such position that the initial number "1" comes at a distance from the under side of the platen, where the printing is done, equal to the width of the desired margin to be left at the head of the sheet above the printing. In use the sheet is adjusted in the machine till its upper edge comes in line with the first number of the scale. This gives the proper margin at the head of the sheet. As the sheet is fed upward by the printing process the upper edge runs over the scale and the position of the printed lines on the sheet are exactly indicated by the numerals on the scale without opening the machine. The margin to be left at the bottom of the sheet is determined by knowing the number of lines on the sheet and by feeding the sheet up on the scale till its upper edge aligns with the corresponding number thereon. As the sheets are of standard size, usually thirteen by eight, the printing can be done, leaving margins exactly corresponding in all the sheets and producing uniformity and beauty of appearance in the writing. In addition to these advantages the scale being set at an incline and standing above the machine, serves as a support for the paper and enables the printing to be done more accurately and with less trouble.

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

In a type-writing machine, the combination of an arm attached to a stationary part and extending over the platen, a knuckle on said arm adjustable to different positions, a holder consisting of a metal plate attached to the knuckle and extending above the machine, and a scale provided with a series of numerals arranged in reverse order resting in the holder, as shown and described and for the purpose specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

W. E. DERRICK. [L. S.]

Witnesses:

JULIUS S. CLEVELAND,
ROBERT T. WEBSTER.