

No. 666,045.

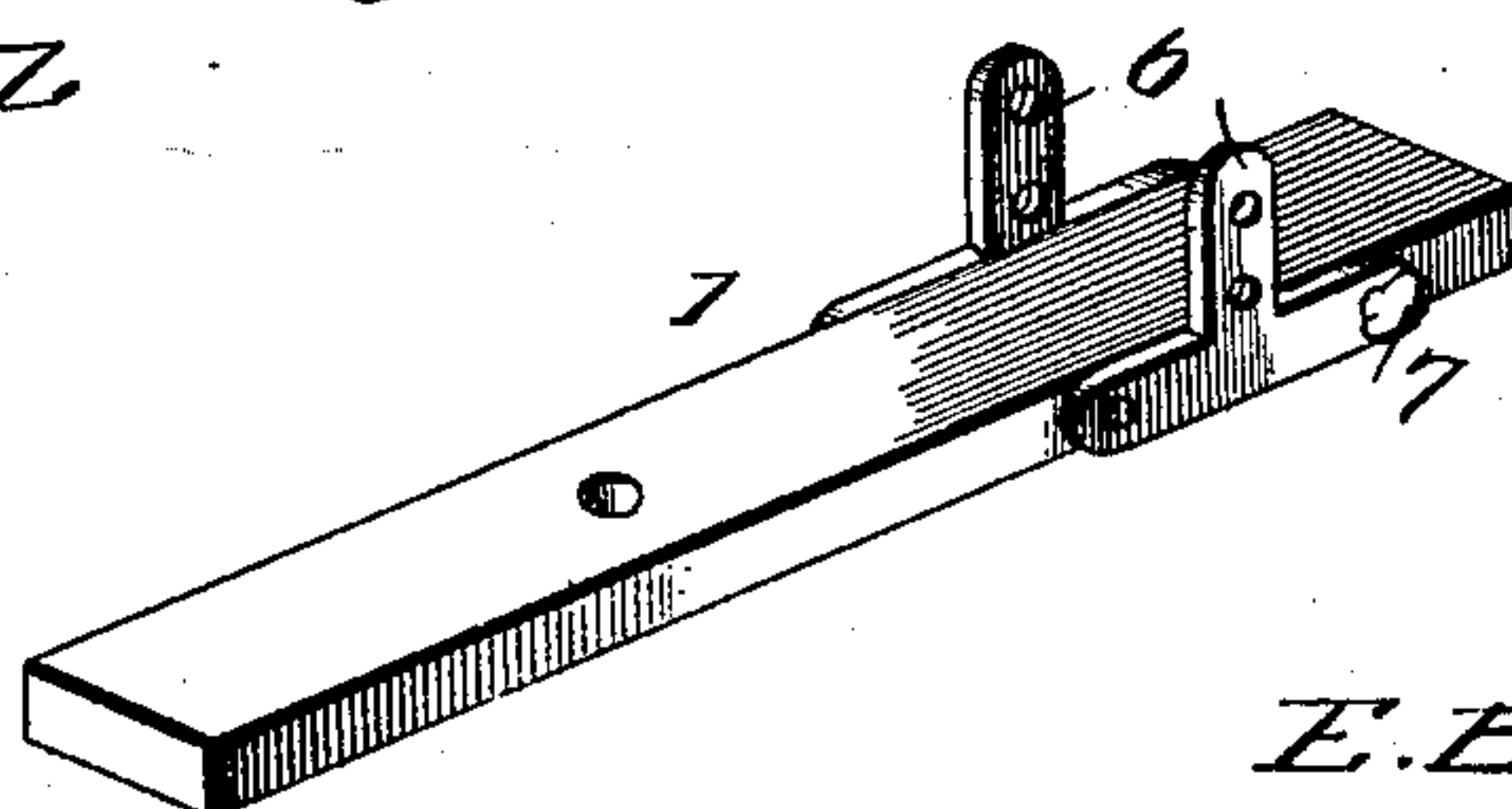
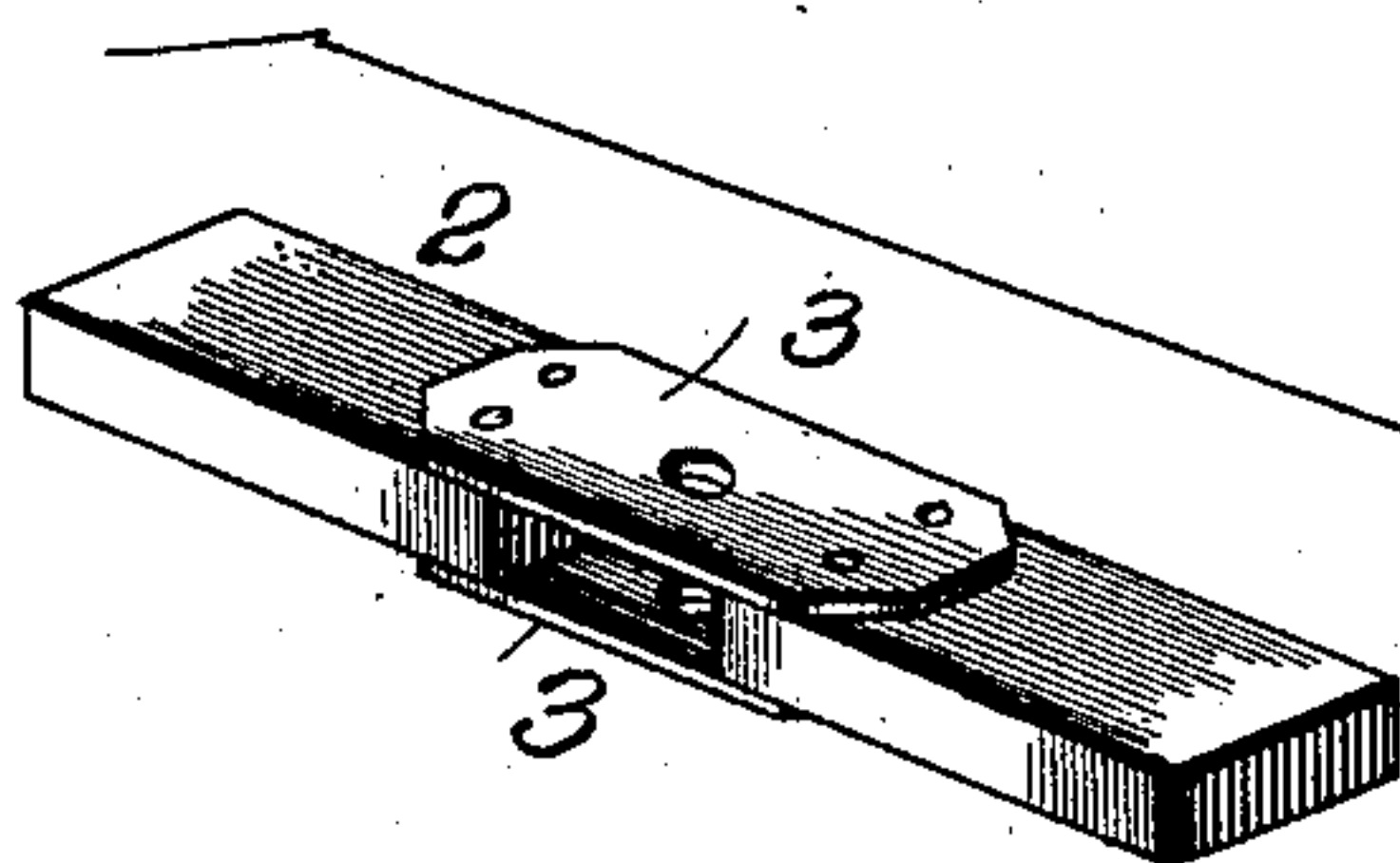
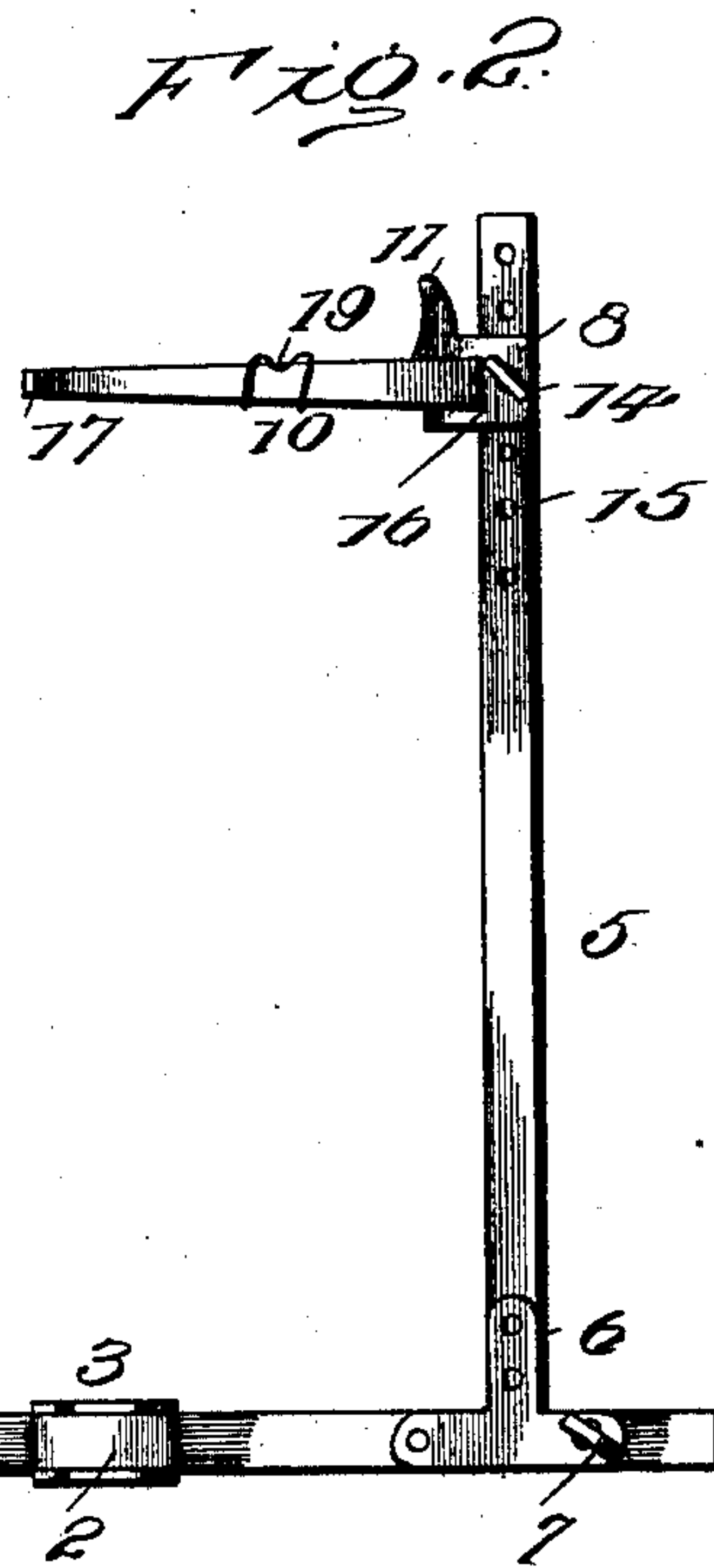
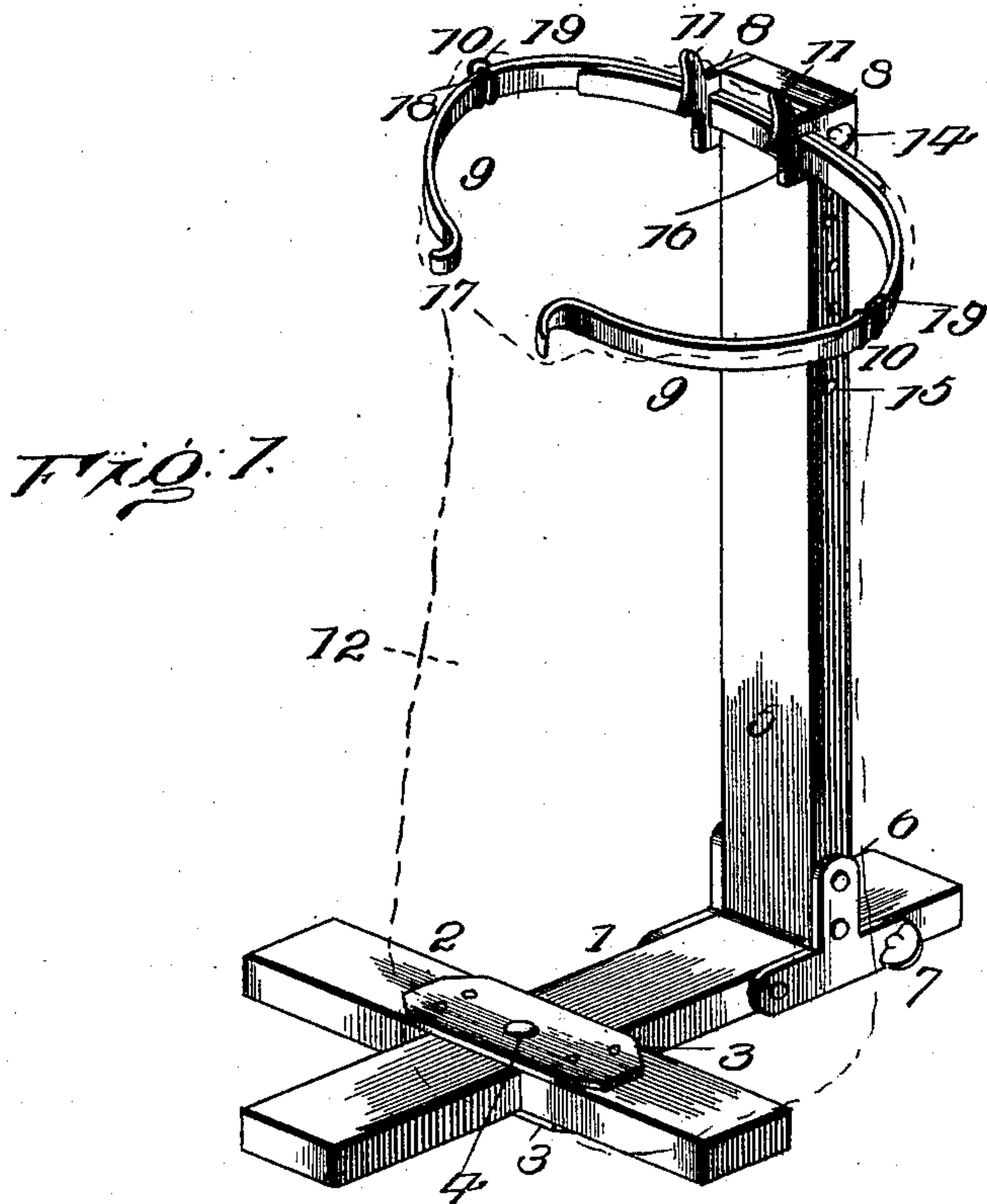
Patented Jan. 15, 1901.

E. B. BEESON.
BAG HOLDER.

(Application filed Apr. 5, 1900.)

(No Model.)

2 Sheets—Sheet 1.



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UNITED STATES PATENT OFFICE.

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BAG-HOLDER.

SPECIFICATION forming part of Letters Patent No. 666,045, dated January 15, 1901.

Application filed April 5, 1900. Serial No. 11,734. (No model.)

To all whom it may concern:

Be it known that I, EDWARD B. BEESON, a citizen of the United States, residing at Fond du Lac, in the county of Fond du Lac and State of Wisconsin, have invented certain new and useful Improvements in Bag-Holders; 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.

This invention aims to provide a portable, adjustable, and knockdown bag-holder involving a simple construction and capable of use in connection with bags of different lengths and widths.

The device comprises a sectional base, a folding standard, a support having adjustable connection with the standard, so as to be elevated or lowered, arms adjustable with reference to the support, and catches adjustable on the arms.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are necessarily susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the device, the dotted lines showing the bag supported thereby. Fig. 2 is a side elevation. Fig. 3 is a top plan view, the base being omitted. Fig. 4 is a detail view of the base, the parts being separated. Fig. 5 is a detail view in perspective of the standard and supporting means for the arms. Fig. 6 is a side view of a support. Fig. 7 is a detail view in perspective of the catch.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The base is composed of two bars 1 and 2, crossing between their ends and disposed relatively at a right angle to each other. The bar 2 is mortised centrally or composed of two parts spaced apart a distance corresponding to the width of the bar 1 to receive the latter between

them, said parts being connected by upper and lower plates 3. A pin or fastening 4 connects the bars 1 and 2 when assembled and prevents casual displacement thereof. Upon withdrawing the pin or fastening 4 the bar 1 can be withdrawn from engagement with the bar 2, so as to admit of the parts being stored in the smallest space possible.

The standard 5 has loose connection with the base, so as to fold thereon, and is provided at its lower end with approximately T-shaped plates or irons 6, secured to the edges of the standard in transverse alinement and having their horizontal portions at a lower level, so as to embrace the edges of the bar 1, to which the parts 6 are attached. As shown, the vertical portions of the irons 6 are permanently attached to opposite edges of the standard, and one end of the horizontal portions has pivotal connection with the bar 1 and the opposite end is pierced to receive a pin 7, which when withdrawn admits of the standard 5 folding upon the base or bar 1, and when said standard is turned into an upright position and the pin 7 inserted through the registering openings in the irons 6 and bar 1 the base and standard are relatively fixed.

The bag-engaging devices have adjustable connection with the standard 5 and consist of a support comprising companion plates or members 8, spring-arms 9, and catches 10, the latter slidably mounted upon the arms 9.

The members 8, comprising the support for the arms 9, are placed against opposite edges of the standard 5 and are provided at their inner upper corners with vertical extensions 11 to engage with the rear portion of the bag 12. An opening 13 is formed in the rear portion of each plate or member 8 to receive a pin or fastening 14, by means of which the support is secured to the standard 5 in an adjusted position by passing through one of a series of openings 15, formed transversely in the upper portion of said standard. A slot 16 is provided in the inner or forward portion of each plate 8 and is adapted to receive the inner ends of the arms 9. The extensions 11 are in front of the vertical slots 16, so as to provide ample space for the reception of the folded portion of the bag when engaged with the said parts 11. Upon withdrawing the pin 14 the support and the arms connected

thereto can be moved up or down, and when properly positioned the support is secured to the standard by inserting the pin 14 through the openings 13 of the plates 8 and one of the openings 15 in coincident relation with said openings 13.

The arms 9 are similarly curved in reverse directions and their inner ends are adapted to overlap and pass through the slots 16 of the parts 8. The outer ends of the arms 9 are curved, as shown at 17, to receive and make positive engagement with the front portion of the bag and hold the mouth thereof distended, so as to admit of the article to be sacked being conveniently supplied to the bag. By having the inner ends of the curved spring-arms 9 overlapped and slidably mounted in the parts 8 said arms can be moved inward or drawn outward to adapt them to the width or diametrical extent of the bag to be supported. It is to be noted that the support for the arms has pivotal connection at its rear end with the standard, and the arms 9 being fitted to the support in advance of its pivotal connection with the standard the binding weight of the support, arms, and parts applied thereto tends to turn the support upon the pivot-fastening 14, and as a result the overlapped ends of the arms 9 are held forcibly against the front side of the standard, and the resultant effect is to cause a binding of the arms in the slots 16 and against the standard 5 in such a manner as to hold said arms in the adjusted position, the force exerted by the bag applied to said arms tending to move the latter inward being insufficient to overcome the frictional engagement of the overlapped portions of the arms incident to the binding thereof in the slots 16 and against the front side of the standard 5, as will be readily comprehended. When the arms 9 are elevated so as to relieve their overlapped end portions of the binding action, they can be readily moved in and out to the required position and when adjusted are made secure in the manner stated.

The catches 10, slidably mounted upon the arms 9, comprise a loop portion 18 and an outer extension 19, the latter making engagement with the bag and the loop receiving the arm. The loop 18 is oblong and vertically disposed and corresponds approximately to a cross-section of the supporting-arm and when in position upon the latter is held in place by a binding action caused by the weight of the bag applied to the offstanding part 19. The catch is preferably constructed of a single length of spring-wire doubled upon itself and having the fold outwardly deflected to provide the part 19 and having the end portions bent to form twin loops 18.

The construction set forth is of such a nature as to admit of the bag-holder being readily dismembered and easily and quickly set up when required for use. A withdrawal of the pins 4, 7, and 14 admits of the parts being taken apart and packed in a small space either for storage or transportation, and when required for service the device can be quickly assembled.

Having thus described the invention, what is claimed as new is—

1. In a bag-holder, a base composed of crossing bars detachably connected, one of the bars being composed of spaced parts connected by upper and lower plates forming a space to receive the other bar, and a standard having pivotal connection with one of the bars and bearing the bag-engaging devices, substantially as set forth.

2. In a bag-holder, a standard, a support having pivotal connection with the standard, and arms slidably connected with the said support and having their inner end portions overlapped and adapted to be secured by a binding action incident to the turning of the support upon its pivotal connection with the standard, whereby the overlapped portions of the arms are clamped between the standard and a part of the support, substantially as described.

3. In combination, a standard, a support having pivotal connection with the standard, and arms having their inner end portions overlapped and slidably connected with the support and extending in front of the standard, substantially as specified.

4. In combination, a standard, plates located upon opposite edges of the standard and having openings in their front portions in transverse alinement, means for pivotally connecting the rear ends of the plates to the standard, and arms having their inner ends passed through the openings in the front ends of the plates and overlapped, as and for the purpose set forth.

5. In combination, a standard, a support adjustable upon the standard, means for pivotally connecting said support with the standard in the adjusted position, and arms having their inner ends overlapped and secured to the support and adapted to be clamped between a portion of the latter and the said standard by the turning of the support upon its pivotal connection, substantially as described.

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

EDWARD B. BEESON. [L. S.]

Witnesses:

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