

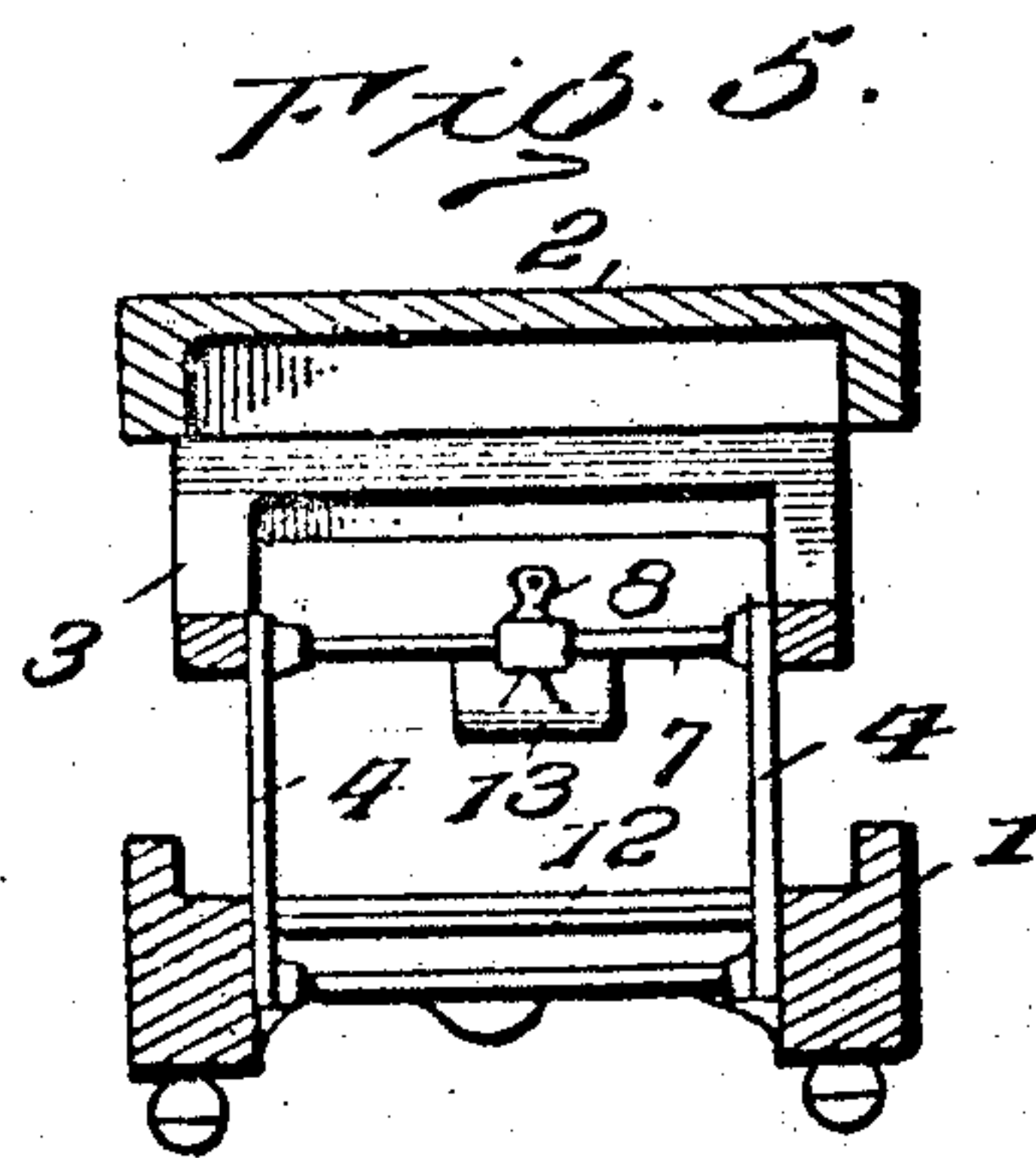
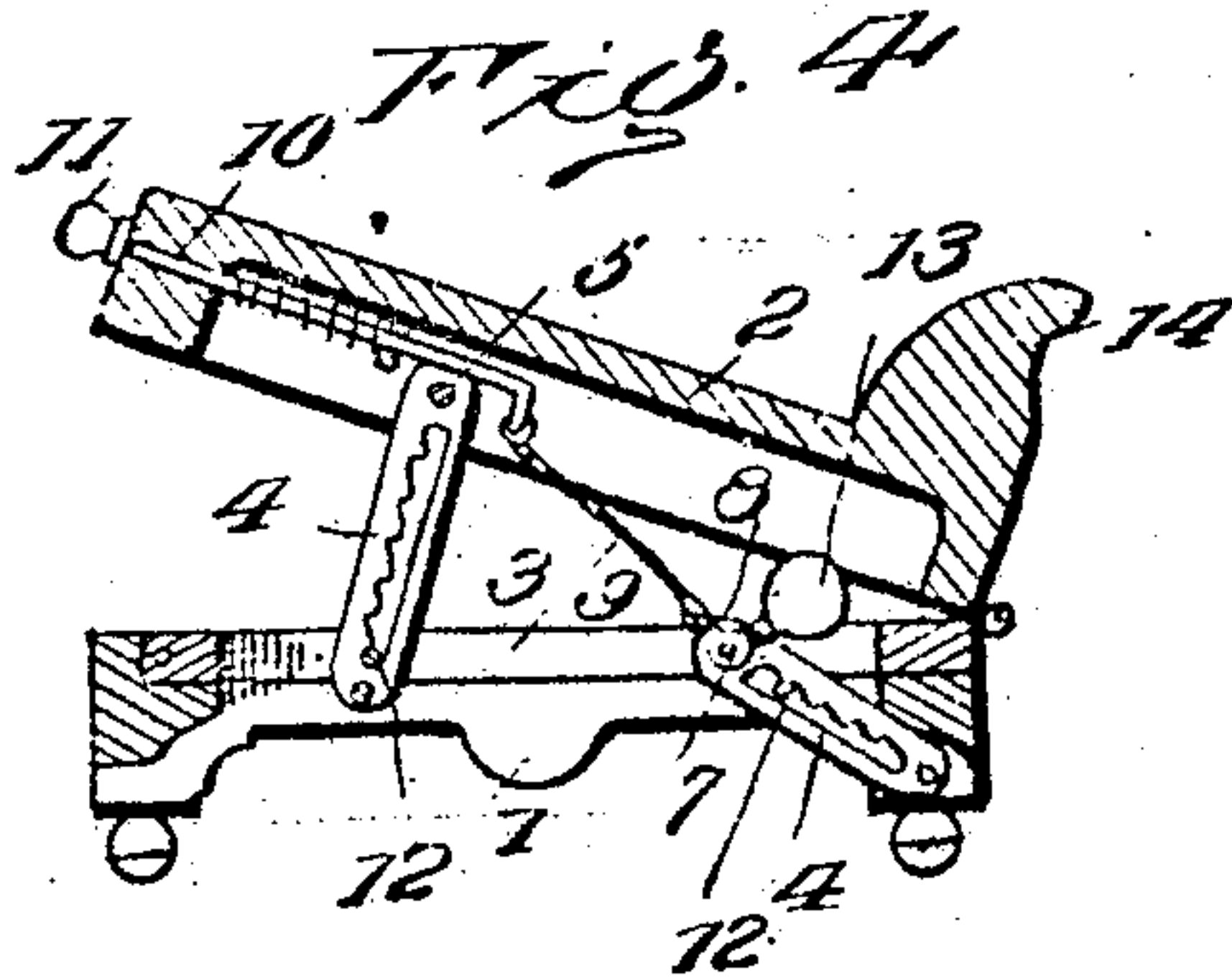
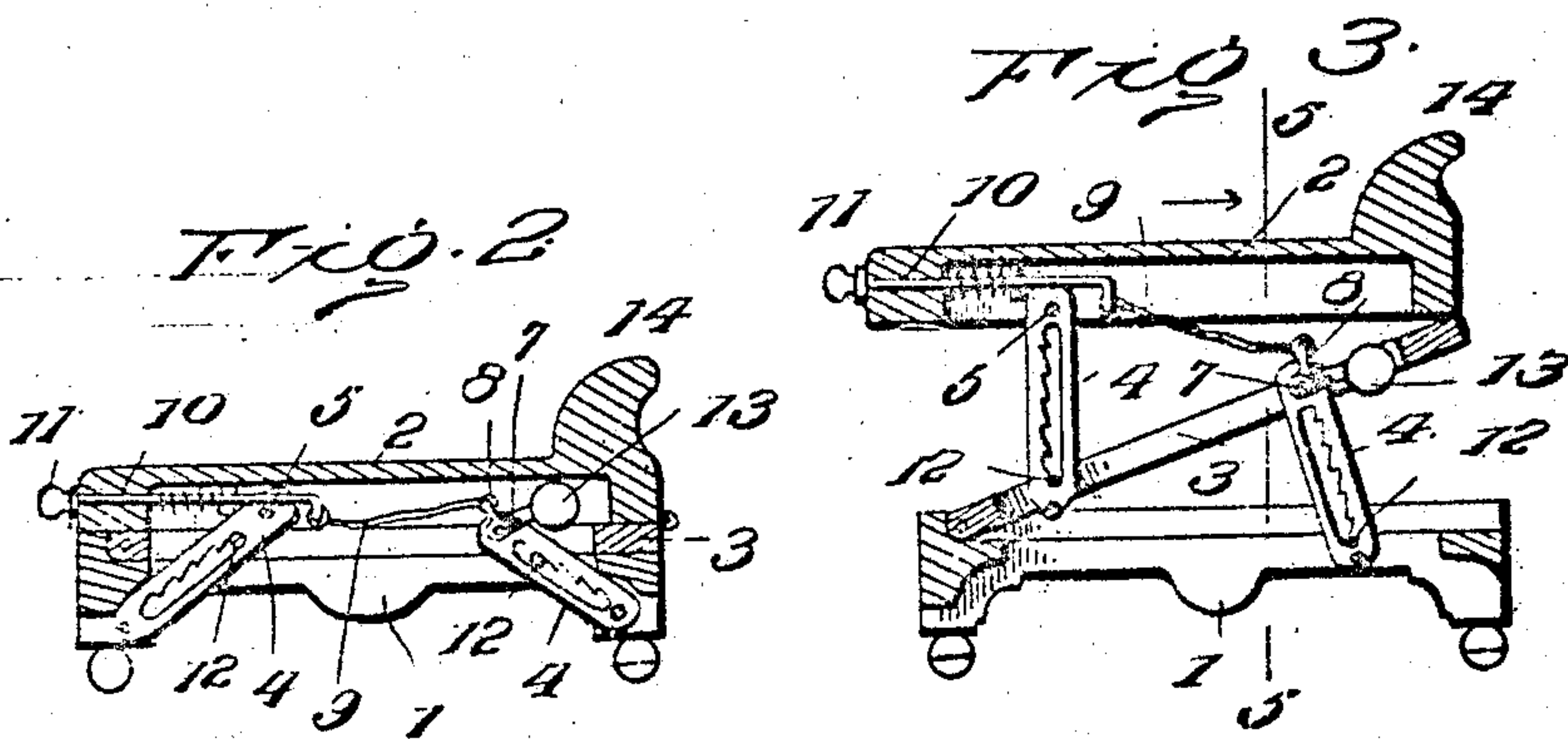
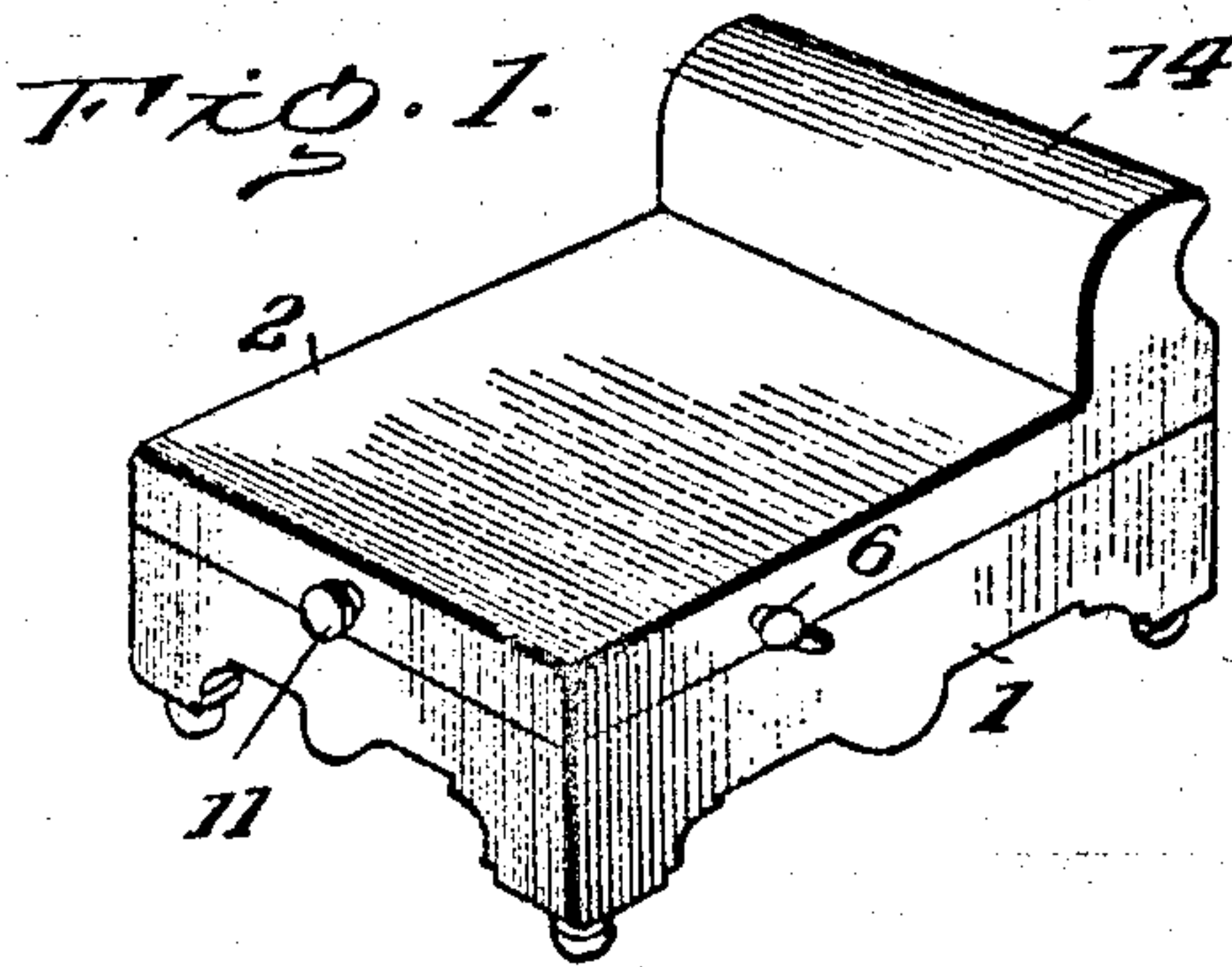
No. 789,813.

PATENTED MAY 16, 1905.

J. H. LONGLEY.

FOOT REST.

APPLICATION FILED AUG. 31, 1904.



Inventor

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Witnesses

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FOOT-REST.

SPECIFICATION forming part of Letters Patent No. 789,813, dated May 16, 1905.

Application filed August 31, 1904. Serial No. 222,877.

To all whom it may concern:

Be it known that I, JOHN H. LONGLEY, a citizen of the United States, residing at Des Plaines, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Foot-Rests, of which the following is a specification.

This invention provides a novel construction of foot-rest; and the essential object of the invention resides in a support of this class which may be readily utilized as a stool and which is susceptible of advantageous adjustment as regards a position of the foot-rest, admitting of a horizontal or angular adjustment of this part to conform to the desires of the user in securing a restful position for the legs or feet.

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 accompanying drawings.

While the essential and characteristic features of the invention are 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 foot-rest embodying my invention. Fig. 2 is a vertical longitudinal sectional view of the invention. Fig. 3 is a side elevation showing the foot-rest in an adjusted position horizontally disposed. Fig. 4 is a side elevation, foot-rest being shown adjusted in an inclined position. Fig. 5 is a transverse sectional view on the line 5 5 of Fig. 3.

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.

In carrying out the invention a bottom frame 1 is provided and comprises the main support of the device. The bottom frame 1 is preferably mounted upon casters or the like in order to facilitate movement of the foot-rest along the floor from one place to another. The foot-rest is designated 2, and the same is directly carried by an adjustable frame 3, the latter having pivotal or hinged connection at

one end with the bottom frame 1 and similar connection at the other end with the foot-rest 2. The adjusting-frame 3 is located between the bottom frame 1 and the foot-rest 2. Said adjusting-frame is adapted to rest upon the frame 1 flush with the upper side of the same to render the support compact and give it a more finished appearance. The foot-rest 2 and the frame 3 are each provided with the adjusting devices in the form of ratchet-bars 4, a pair of said bars being pendent from each of the aforesaid parts. The ratchet-bars 4 of the foot-rest 2 are rigidly attached at their upper ends to a transverse rod 5, carried by said foot-rest, the said rod 5 projecting a short distance from a side of the part 2. A suitable handle 6 is attached to the projecting end of the rod 5, and movement of this handle is designed to actuate the ratchet-bars 4, carried by the foot-rest 2, so as to regulate the adjustment of said bars. The ratchet-bars of the adjusting-frame are likewise carried by a cross-rod 7, mounted in the sides of said frame and rigidly attached to the ratchet-bars. An arm 8 extends from the cross-rod 7, preferably at some point between the ends thereof, and said arm is connected by a chain or any suitable flexible connection 9 with a spring-retracted bar 10. The bar 10 is arranged longitudinally of the support and projects from one end of the foot-rest, being provided with a handle 11 for actuation thereof. By pulling upon handle 11 a longitudinal movement will be imparted to the rod 10, this movement effecting a pivotal movement of the ratchet-bars carried by the cross-bar 7.

The ratchet-bars 4 of the foot-rest are adapted to engage a cross-rod 12, mounted transversely in the adjusting-frame 3, whereas the ratchet-bars 4 of the adjusting-frame are designed to cooperate with the similar cross-rod 12, mounted in the bottom frame 1. Actuation of the handles 6 and 11 is designed to impart a pivotal movement of the ratchet-bars, so that said bars may be disengaged readily from the respective cross-rods 12 with which they cooperate, and the foot-rest 2 may be thus quickly collapsed after same has been raised to an ascertained adjustment.

If desired, a weight 13 may be carried by an

arm projected from the cross-rod 7, which carries the ratchet-bars 4 of the adjusting-frame 3, and this weight will serve to positively cause said bars 4 to engage its respective cross-

5 rod 12 in adjusting said frame 3. It will be understood, however, that the weight of the ratchet-bars 4 is sufficient to cause the same to properly engage the cross-rod 12, and the weight 13 may be dispensed with, if desired.

10 In securing an angular or inclined adjustment of the foot-rest 2 same is raised at one end, so as to elevate the ratchet-bars 4 thereof, and when said bars are thus operated same will automatically engage the adjacent cross-

15 rod 12 and fix the foot-rest in the ascertained inclined position to which it may be adjusted.

The foot-rest 2 may be provided at one end with a ridge or enlargement 14 transversely thereof, which projecting from the upper side

20 of the foot-rest will prevent slipping of the feet therefrom when the foot-rest is in an inclined position.

If the operator wishes to elevate the foot-rest so as same is substantially horizontal and

25 on a level with the chair on which he is sitting, this may be quickly done by raising the adjusting-frame 3, thereby elevating the foot-rest. The foot-rest 2 when in a horizontal position will readily support the legs of the

30 person using the same on a level with the chair-seat, this adjustment being very desirable and advantageous for this reason. The ratchet-bars 4, which are preferably used, are

slotted horizontally, the ratchet-bars being arranged lengthwise of one side of the slot, as 35 shown more clearly in the drawings.

It will be noted that the invention is very simply constructed, arrangement of the parts of the structure of the same being extremely desirable in securing a device of the class to 40 which my invention relates, and adapted for various adjustments and uses which have been hereinbefore enlarged upon.

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

45 In a support of the class described, the combination of a bottom frame, a foot-rest mounted thereon, an adjusting-frame disposed between the foot-rest and the bottom frame and having pivotal connection at one end with the 50 foot-rest and at the other end with the bottom frame, ratchet-bars carried by the foot-rest and adjusting-frame for fixing the positions thereof, cross-rods rigidly attached to the 55 ratchet-bars aforesaid, a spring-retracted rod connected with the cross-rod of the ratchet-bars carried by the adjusting-frame, a handle projected from the spring-retracted rod, and a handle projected from the cross-rod of the 60 ratchet-bars of the foot-rest.

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

JOHN H. LONGLEY. [L. s.]

Witnesses:

JOHAN S. WARNCKE,
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