

F. ROBERTS.
TYPE WRITER CLAMP.
APPLICATION FILED AUG. 1, 1910.

976,397.

Patented Nov. 22, 1910.

FIG. 1.

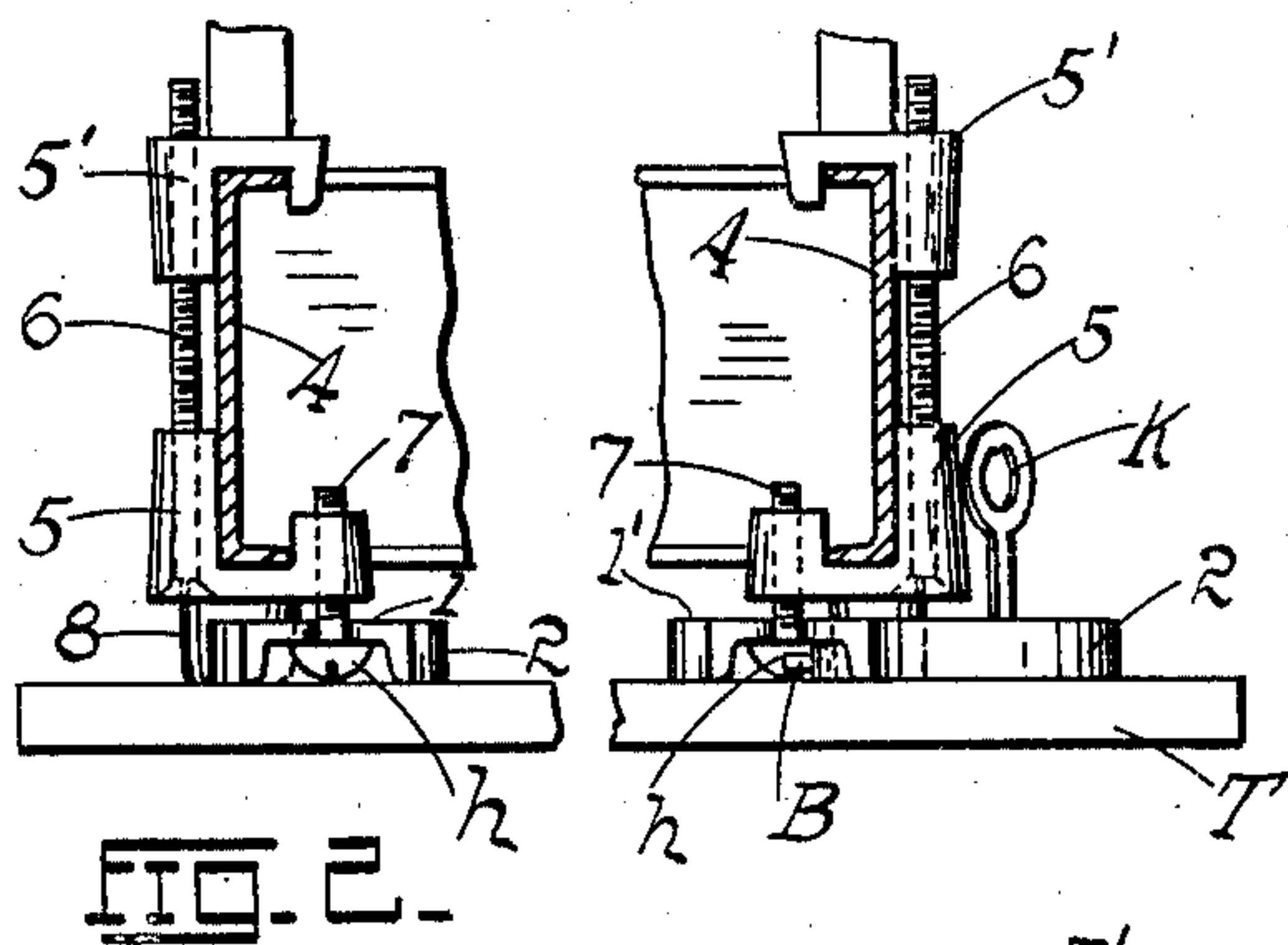
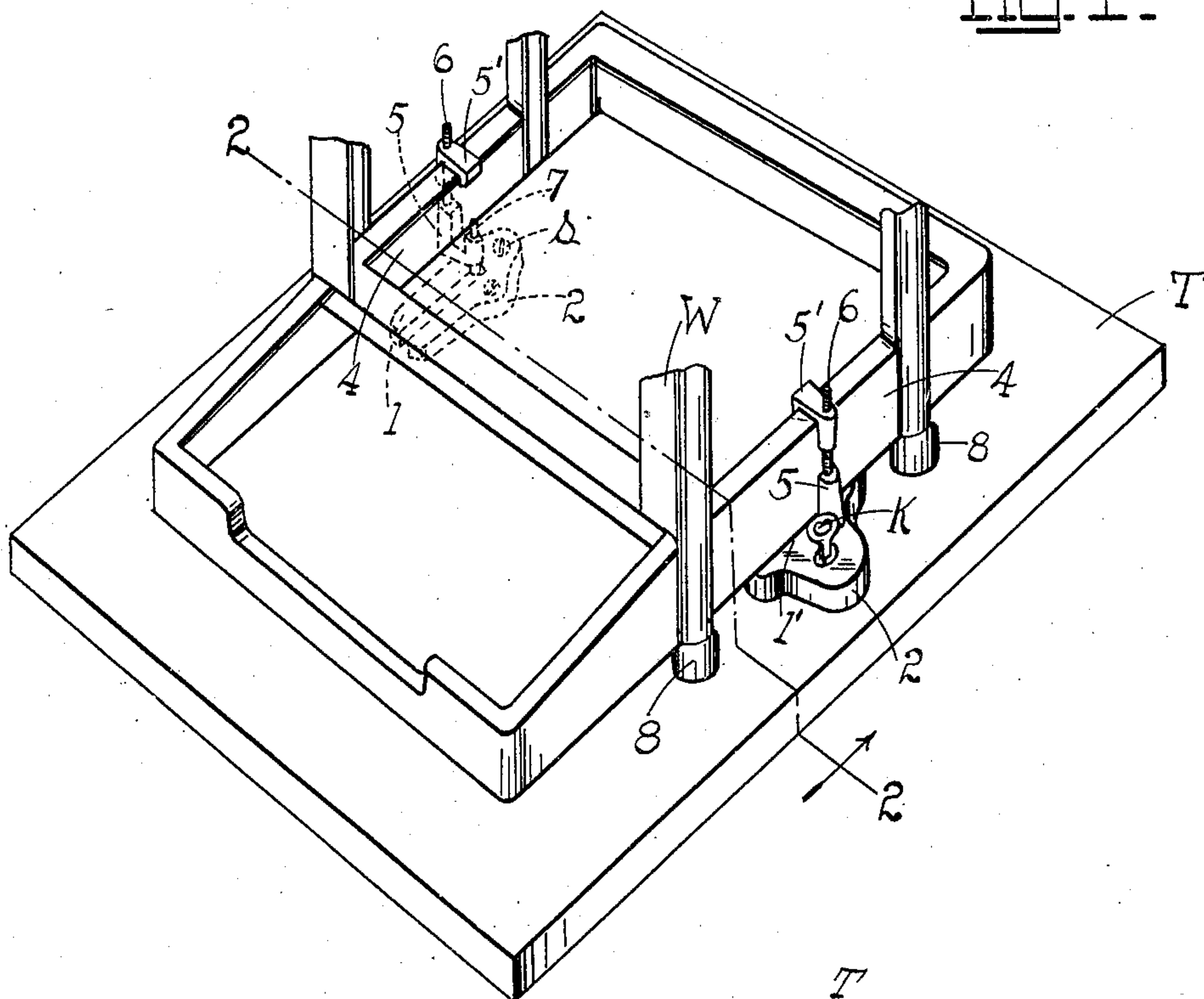


FIG. 2.

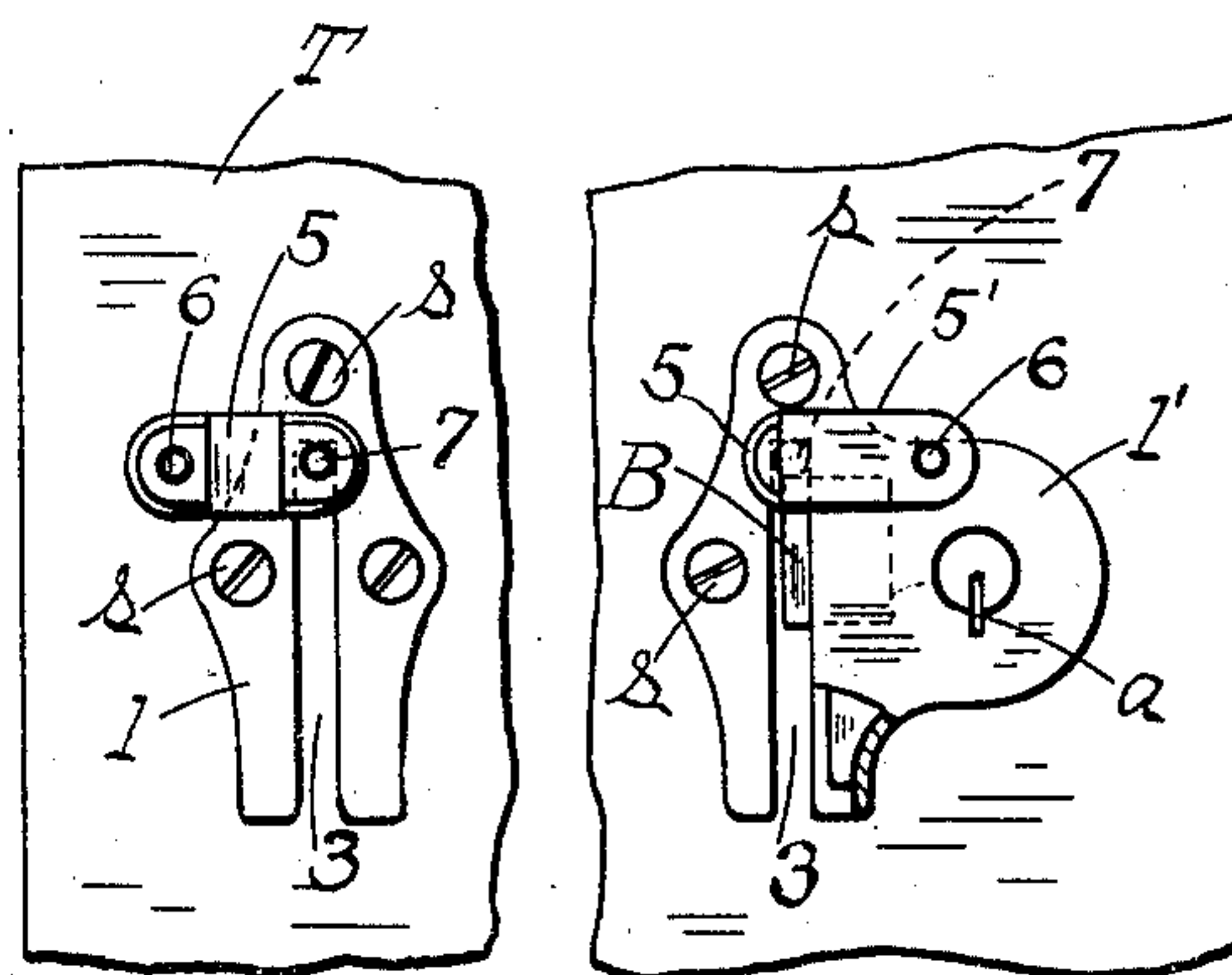
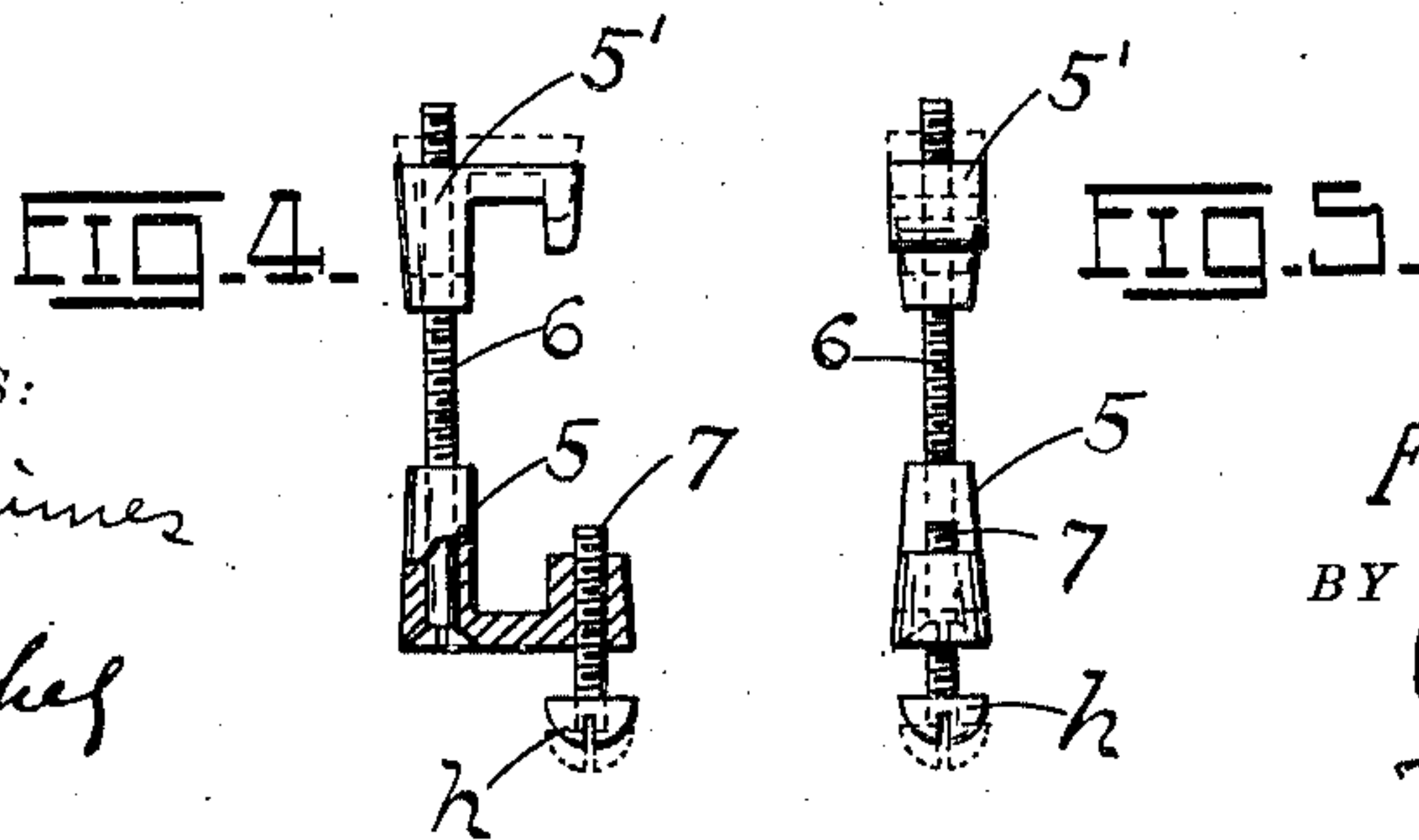


FIG. 3.



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TYPE-WRITER CLAMP.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FREDERICK ROBERTS, a citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Type-Writer Clamps, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention has relation to improvements in type-writer clamps; and it consists in the novel construction of clamp more fully set forth in the specification and pointed out in the claim.

In the drawings, Figure 1 is a perspective of the lower portion of a type-writer frame showing my invention applied thereto; Fig. 2 is a transverse section on the line 2—2 of Fig. 1; Fig. 3 is a top plan of the clamping sections, parts being broken; Fig. 4 is a sectional side elevation of one of the fittings which engages the side-plate of the type-writer; and Fig. 5 is an edge view of Fig. 4.

The object of my invention is to construct a clamp which shall securely fasten a type-writing machine to the desk or table on which it rests, said clamp preventing the shifting of the machine from the position to which it has been adjusted.

A further object is to construct a clamp which is simple, cheap, durable, light, and, one possessing further and other advantages better apparent from a detailed description of the invention which is as follows:—

Referring to the drawings 1, 1', represent suitable plates or members provided with marginal flanges 2, resting on the table or desk T on which the type-writer is supported, suitable securing screws *s* fastening the said members to the table. Each plate is provided with a slot 3, the slots, when the plates 1, 1', are in position coming substantially under the bottom edges of the side plates 4, 4, of the type-writer frame W. Engaging the lower edge of each side plate 4 is a U-shaped stirrup or fitting 5, through the outer and longer arm of which is loosely passed the smooth portion of a screw 6, the upper screw-threaded end of the screw passing through the long leg of a similar reversely positioned member 5' engaging the upper edge of the side-plate 4 and serving as a clamp therefor. Through the inner short leg of the member 5 is passed a screw 7 the extent of projection of which below the base of the member 5 is carefully ad-

justed to conform to the height of the rubber pads or feet 8 of the type-writer.

In practice, the members 5, 5', are first clamped to the side plates 4 of the machine, by driving home the screws 6, after which the screws 7 are left to project below the bottom fitting 5 a distance equal to the height of the rubber feet 8. The plates 1, 1', being previously spaced apart the proper distance and with their slots 3 in perfect parallelism (the front ends of the slots being open), the machine is placed over the table T, the lower projecting ends of the screws 7 are slipped into the slots 3 (the heads *h* of the screws being received in the chambers formed between the plates 1, 1', and the desk top, by the flanges 2). Now, on the back or inner face of the plate 1' (which is the larger of the two plates) is mounted a sliding locking bolt B operating across the slot 3 of said plate, the bolt being actuated by any form of key K inserted through the key-hole *a* formed in the plate. Any kind of lock on the market may be employed, said lock being herein shown conventionally. In practice, the type-writer is shoved rearwardly far enough to bring the screws 7 on a line rearward of the rear edge of the bolt B, so that when the bolt is shoved across the slot 3 of the plate 1', the bolt will come in front of the screw 7 inserted into the slot 3 of the plate 1', and thus prevent the withdrawal or removal of the machine from its anchored or clamped position on the table, it being understood that the heads *h* of the screws are too large to be lifted through the slots 3, through which however, the stems or shanks of the screws are free to pass (Fig. 3). By unlocking the bolt, the screws 7 (or their equivalents) are free to slip out of the slots 3, and the machine may be slid forward until the screws 7 have passed out of the slots, when the machine may be removed from the table.

The anchoring or clamping of the machine to the table is a decided advantage, as it prevents shifting thereof in the hammering of the keys. Some type-writer cabinets too, are made to fold or close, in which the supporting table is made to tilt; and it is desirable that the machine be rigidly clamped thereto to prevent shifting in the movement of such a table. While a clamping or anchoring of one plate 4 (or one side of the machine) might answer in some cases, in practice it is better to anchor both sides.

Having described my invention, what I claim is:—

In combination with the side plates of a type-writer, members secured to the table on which the machine rests, at points adjacent the side plates and spaced apart from the surface of the table, the members being provided with slots disposed parallel to the side plates and open in front, anchor members comprising a stirrup engaging the lower edge of each side plate, a second stirrup engaging the upper edge of said side-plate, a screw for drawing the stirrups together, an adjusting screw on the bottom

stirrup projecting below the same and passed into the slot of the member secured to the table, a bottom terminal head on the screw-stem for preventing withdrawal of the stem from the slot, and a locking bolt on one of the slotted members, operating across the slot and in front of the screw-stem inserted therein, substantially as set forth.

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

FREDERICK ROBERTS.

Witnesses:

EMIL STAREK,
Jos. A. MICHEL.