

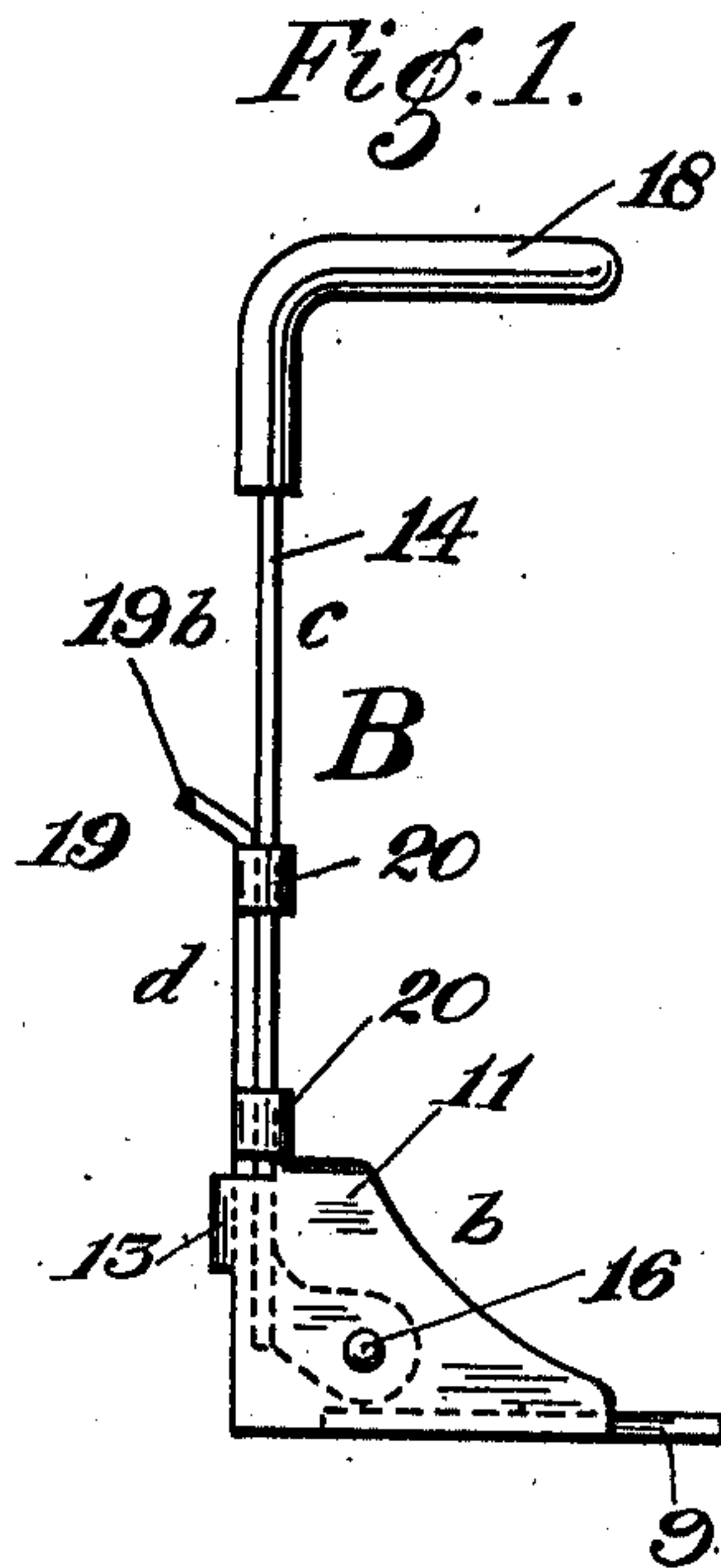
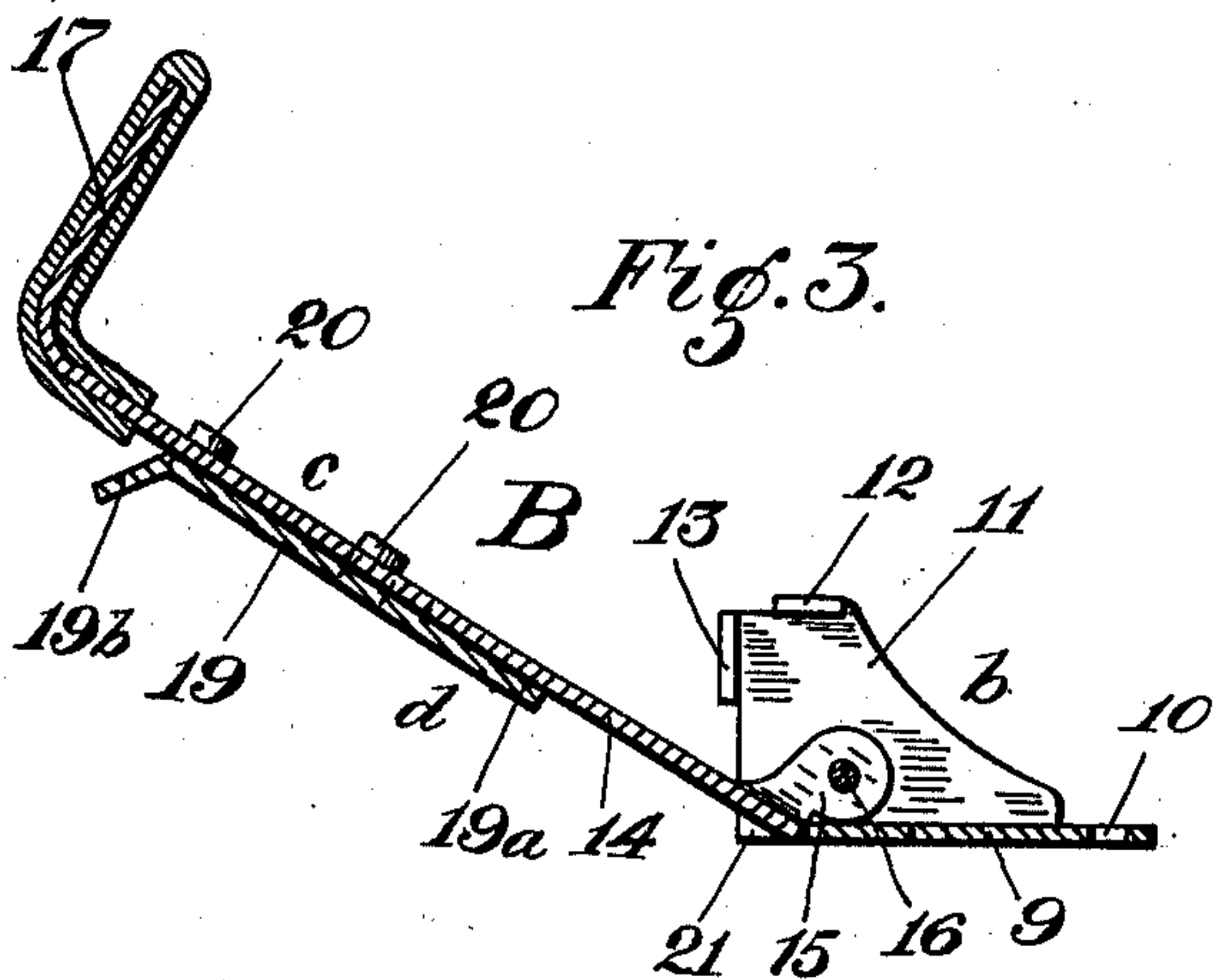
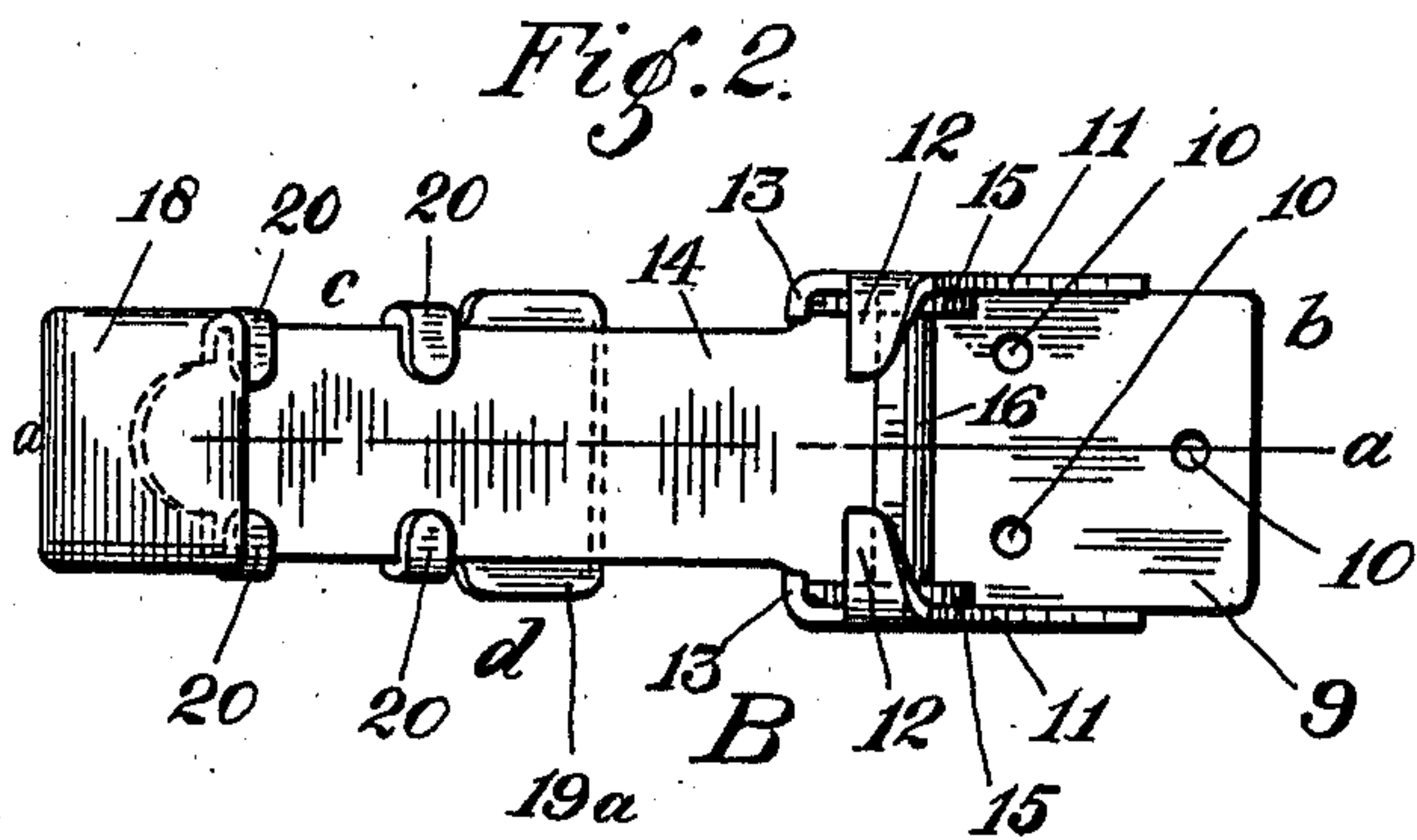
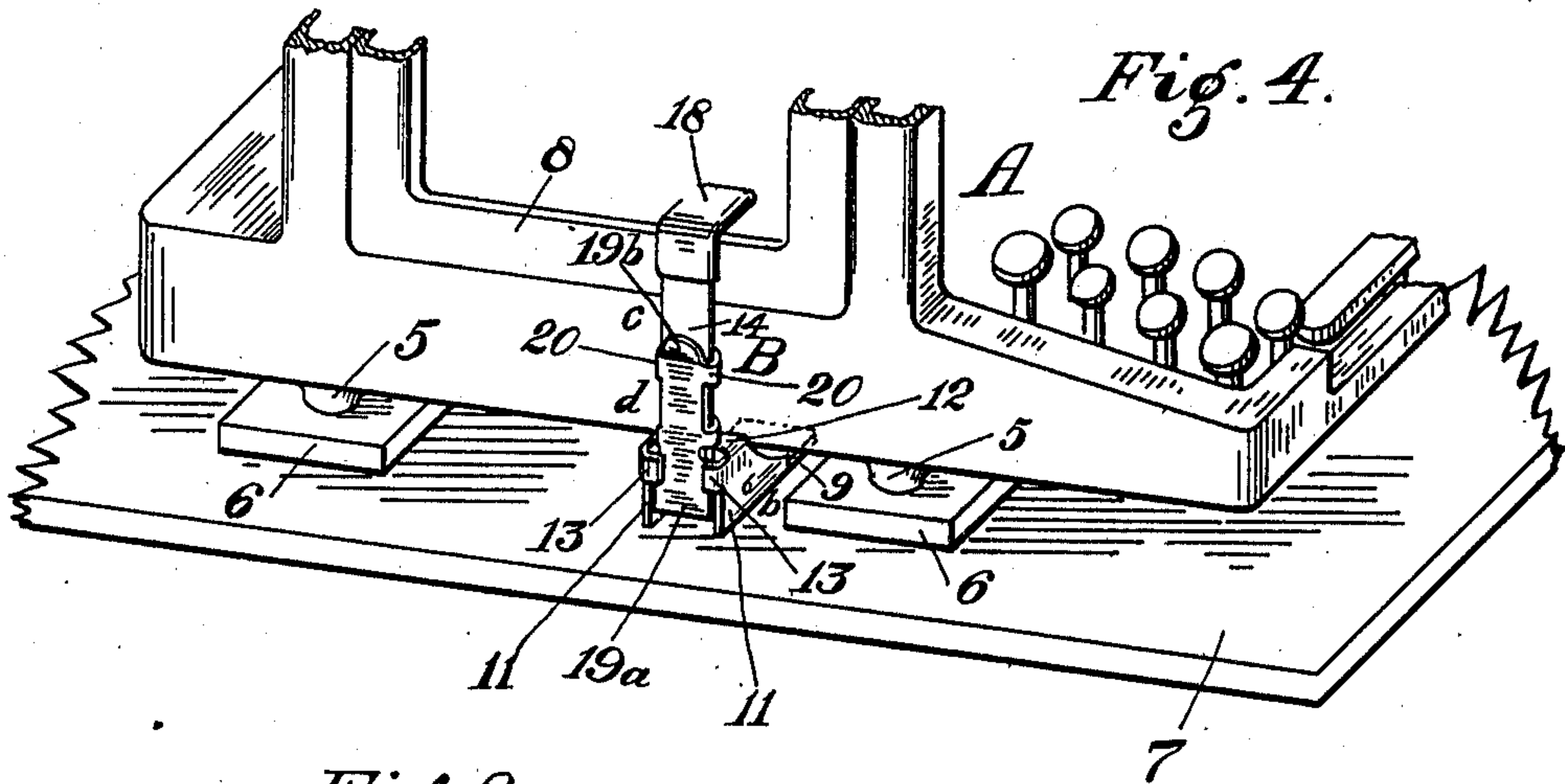
C. M. TURTON.

HOLDING MEANS.

APPLICATION FILED JUNE 27, 1910.

989,085.

Patented Apr. 11, 1911.



Witnesses.

Richd. G. Myerson
B. F. Fletcher

Inventor

Charles M. Turton;
by Becket & Blakelee,
his Attorneys.

UNITED STATES PATENT OFFICE.

CHARLES M. TURTON, OF LOS ANGELES, CALIFORNIA.

HOLDING MEANS.

989,085.

Specification of Letters Patent. Patented Apr. 11, 1911.

Application filed June 27, 1910. Serial No. 569,222.

To all whom it may concern:

Be it known that I, CHARLES M. TURTON, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Holding Means, of which the following is a specification.

This invention relates to holding means for typewriters and the like; and it has for its object to provide improved means whereby typewriters may be held in position for service upon tables or other supports subject to convenient and speedy detachment, and the operation of which likewise permits of ready and speedy detachment of typewriters to such tables or supports.

Further objects of the invention consist in the provision of improved holding means of the character described which will be relatively simple and inexpensive in construction and organization, positive in operation, durable and slightly in appearance, and which will not injure or mar the typewriter frame or structure, and which will be generally superior in point of efficiency and serviceability.

The invention consists in the novel and useful provision, combination, construction, formation and association of parts, members and features, all as hereinafter described, shown in the drawing, and finally pointed out in claims:—

In the drawing:—Figure 1 is a side elevation of improved holding means embodying the invention, the same being shown in detached position; Fig. 2 is a top plan view of the same, the holding means being shown in detached position and the parts being relatively adjusted to permit attachment or detachment of the typewriter, respectively to or from the table or other support upon which the typewriter is shown mounted in Fig. 4, the parts being shown in Fig. 1, in the working positions, as likewise shown in Fig. 4; Fig. 3 is a longitudinal sectional view, taken upon the line *a—a*, Fig. 2; and, Fig. 4 is a fragmentary isometric view of a portion of a table or support and a typewriter mounted thereupon, the holding means constituting the invention being shown in operative position upon the table or support and in operative relation with respect to the typewriter.

Corresponding parts in all the figures are denoted by the same reference characters.

Referring with particularity to the draw-

ing, A designates a fragmentary portion of a typewriting machine or typewriter, the same being provided with feet 5 entering suitable openings in blocks or plates 6 upon a desk or support 7.

8 designates a portion of the typewriter frame, extending longitudinally of the same, and B designates the improved holding means applied to the table 7 and to the frame 8 of the typewriter, so as to hold the typewriter upon the table against movement tending to displace the feet 5 from the holding blocks or plates 6. It will be understood that customarily there are four of the feet 5, two at each side of the frame of the typewriter, there being two similar frame members 8 at each side of the typewriter; and I therefore customarily employ two of the holding means B respectively applied to the table 7, and to the frame portions 8, at opposite sides of the typewriter.

The holding means B comprise a base member *b*, a holding arm *c*, and locking means *d* for maintaining the parts in operative position. The base member *b* may comprise a plate 9 adapted to rest flat upon the top of the table 7, and provided with one or more openings 10 for the reception of screws or other holding devices. The plate 9 is provided at opposite sides with opposed vertical cheeks 11 from which project opposed spaced transverse ears 12, adjacent to the rearward portions of and at the top of the cheeks 11. At the rearward side edges of the cheeks 11 are formed or provided spaced opposed guides 13. The holding arm *c* consists of an elongated plate 14 provided at the side portions of its lower end portion with opposed spaced ears 15 formed to contact movably with the inner faces of the cheeks 11, and serving to support the plate 14 pivotally through the agency of a bearing pin 16 the ends of which are passed loosely through the ears 15 and are seated in the cheeks 11. The plate 14 is of proper width to escape the guides 13 as such plate is brought into upright position at right angles to a base plate 9. The outer end of the plate 14 is formed into an angularly directed finger 17 having a soft or compressible cap or cover 18 adapted to contact with the frame portion of the typewriter.

The locking means *d* comprise a locking plate 19 slidably mounted upon the rearward face of the plate 14 through the agency of two pairs of hooked fingers 20

provided at or formed upon side edge portions of the plate 19, the fingers of each pair of the same being opposed transversely of the plate 19. These fingers 20 are passed 5 slidably about the edge portions of the plate 14. The lower pairs of fingers 20 are disposed properly to come into engagement with the ears 12 when the locking plate 19 is in lowered or operative position. The 10 base plate 9 is cut away at its rearward portion, as at 21, to such extent that the plate 14 may play upon the bearing pin 16, pivotally, to a predetermined extent, as shown in Figs. 2 and 3, limited by co- 15 engagement of the lower or inner end portion of the plate 14 and the rearward portion of the plate 9, which plate portions act as stops. The locking plate 19, or the lower locking head 19^a thereof, is wider than the 20 plate 14, so that it will be received within and held by the guides 13 when the holding arm *c* is in elevated or operative position as shown in Figs. 1 and 4.

With the parts in the relative positions 25 shown in Figs. 2 and 3, and the base plate 9 secured to the table 7 as shown in Fig. 4, the typewriter may readily be removed from or placed upon the table 7, in connection with the socket plates 6; and when the type- 30 writer is in position upon the table the holding arm 14 is thrown forwardly into the position shown in Figs. 1 and 4, to bring the covered holding finger 17 over the frame portion 8; whereupon, the locking plate 19, 35 held elevated while the holding finger and holding arm 14 were moved into a vertical position as last stated, is now permitted to fall so that the head 19^a thereof is received within the guides 13, the further forward 40 movement of the holding arm *c* being stopped against further pivotal movement by its engagement with the ears 12 and the engagement of said locking plate head 19^a with the guides 13. The holding finger 17

will thus be maintained in the position 45 shown in Figs. 1 and 2, which is the working position. To release the typewriter for detachment, it is only necessary to elevate the locking plate 19 so that the head 19^a thereof is released from the guides 13, where- 50 upon the locking arm *c* may be allowed to fall pivotally, laterally of the typewriter frame, permitting the detachment of the typewriter from the table.

The locking plate 19 may be provided at 55 its upper end with the finger 19^b whereby it may be conveniently manipulated.

Having thus described my invention, I claim and desire to secure by Letters 60 Patent:—

1. Improved holding means for typewriters and the like, comprising a base member, a stop upon the base member, a guide upon the base member, a holding arm pivotally 65 connected with the base member, and locking means slidably mounted upon the holding arm and adapted and arranged to co-act with the guide upon the base member to maintain the holding arm against the stop 70 upon the base member.

2. Improved holding means for typewriters and the like, comprising a base plate provided with spaced upright cheeks, an elongated holding arm plate pivotally con- 75 nected at one end with said cheeks and provided at the other end with a holding finger, stops upon said cheeks, and guides upon said cheeks, and a locking plate slidably connected with the holding arm plate and arranged and adapted to co-act with said 80 guides.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES M. TURTON.

Witnesses:

RICHD. G. V. MYTTON,
B. F. FLETCHER.