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TYPEWRITING MACHINE

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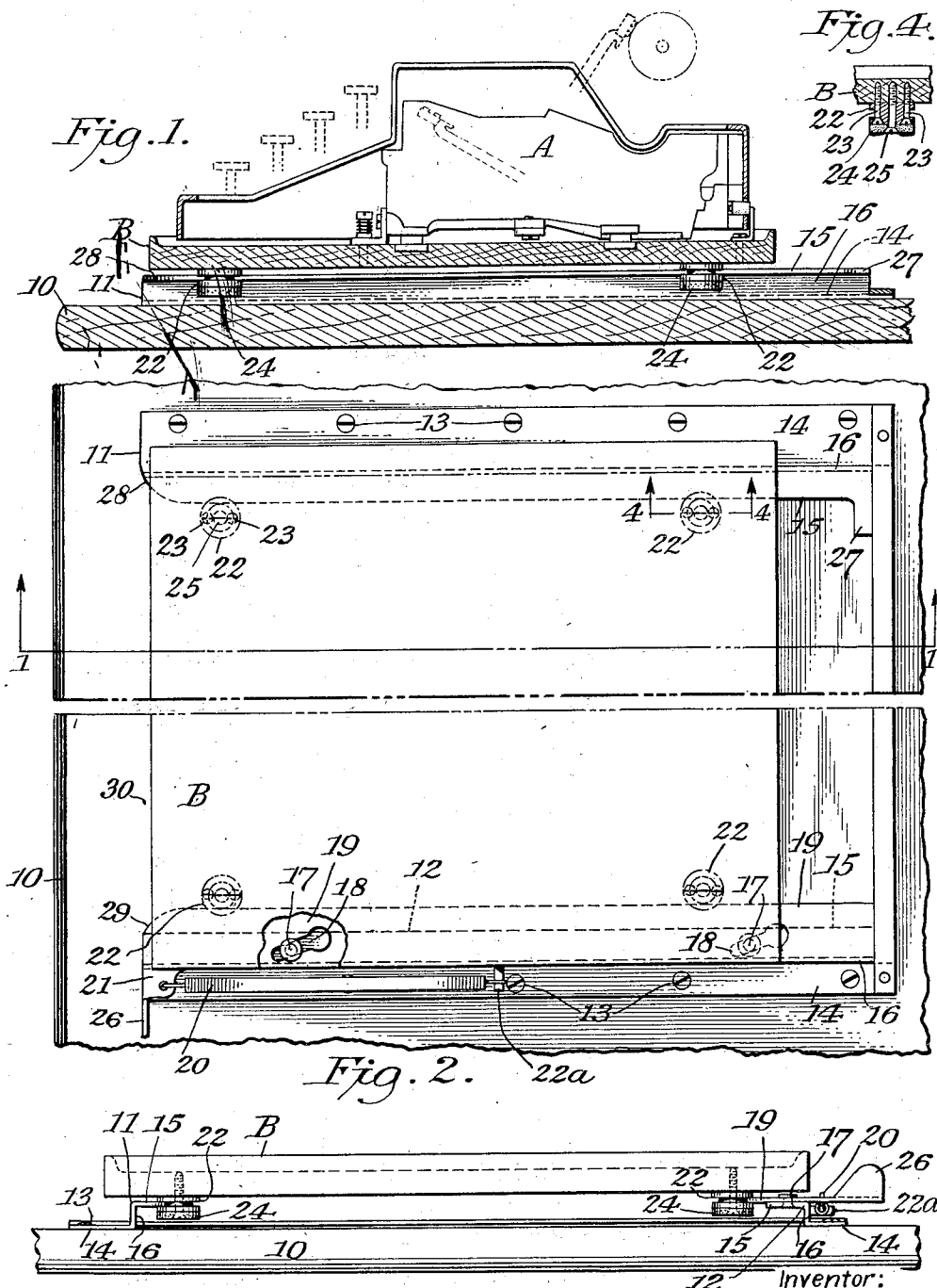


Fig. 3.

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TYPEWRITING MACHINE

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This invention relates to supports for portable typewriters.

There is provided a novel adjustable support which may be applied to the usual desk or platform in a place of business, a counter-
 5 part thereof being attached to a home desk or table; and, when the machine is transported from office to home, it may be easily and quickly placed upon the home support and
 10 readily adjusted thereto and automatically locked in such position.

The invention may include parallel rest rails, one directly engaging the grooves of buttons provided at one side of the typewriter-baseboard, and the other rail acting
 15 as a support for a slide or lock-plate, which is held thereon by headed studs engaging slots formed therein, said plate being arranged in a plane coinciding with the plane of the
 20 ledge of the opposite rail and engaging the grooves of the buttons on its side of the baseboard. A pull spring may be attached to this slide-plate and to a fixed pin to normally draw said plate backwardly to cause
 25 the studs coacting with the cam-slots to forcibly engage the buttons and lock the typewriter in an adjusted position against rearward movement but yieldingly permitting a forward movement thereof. This locking
 30 relation may be relieved by pulling forward on a finger-piece on the slide-plate against the action of the spring whereby the typewriter may be moved in either direction on the rails.

35 The improved support has a baseboard to which a set of the grooved buttons are applied, and means engage said buttons for guiding the machine as it is placed in a desired position, where it is locked.

40 Some operatives are more comfortable and accurate when the machine is very near, while other operatives are more comfortable and efficient when the machine is farther away. The invention affords such adjust-
 45 ments.

Other features and advantages will hereinafter appear.

In the accompanying drawings,

50 Figure 1 is a longitudinal section of a portable typewriter in position on my improved

support, the section being taken about on the line 1—1 of Figure 2, with parts omitted.

Figure 2 is a plan view of the improved typewriter-support and shows the baseboard of the typewriter thereon to more clearly dis-
 55 close or indicate the position of the grooved buttons carried thereon, parts being broken away.

Figure 3 is a front view of the parts shown in Figure 2 and on a slightly enlarged scale.
 60

Figure 4 is a sectional fragment, taken on line 4—4 of Figure 2, showing the attachment of a button to the typewriter-baseboard.

Referring now to the drawings in detail, there is shown at 10 a desk-board, table-
 65 top or other horizontal support, to which parallel metal rest rails 11 and 12 may be secured by screws 13, or other fastening devices. The rails are each of general Z bar
 70 formation, providing a foot-portion 14, and a longitudinal track, rail or ledge-portion 15, joined by a short vertical web-portion 16.

The web-portion 16 of the rail 12, at the right hand of the operator, is arranged in a lower plane than the ledge of the opposite
 75 rail and is provided with headed studs 17, which operate in connection with diagonal cam-slots 18 formed in a slidable lock plate ledge, track, rail, or bar 19, to normally guide
 80 said lock-plate inwardly, through the pulling action of a spiral spring 20, connected at one end to a lug 21 formed with said plate and to a fixed pin 22^a, on the vertical web-portion 16, of the rail 12.

So that a portable typewriter A may be
 85 used in connection with the above-described adjustable lock-support, the usual rubber feet or rests should be removed from the baseboard B and grooved buttons 22 substituted therefor. These buttons may be se-
 90 cured directly to the baseboard of the typewriter by oppositely-arranged screws 23, after which a rubber disk 24, or the regular rubber feet, may be secured by a longer and centrally-positioned screw 25, as in Figure 4
 95 of the drawings. The lock-plate is further provided with an upturned finger-piece 26 by which it may be manipulated when it is desired to adjust the position of the typewriter forwardly or rearwardly or to remove it from
 100

the support. A forward pull of the lock-plate against the action of spring 20 causes the cam-slots 18 engaging the studs 17 to withdraw said lock-plate from engagement with the buttons at that side of the machine, and releases the locking action of the parts. It will be seen that the lock-plate automatically releases by a forward movement of the machine and the machine can easily be removed from the support.

Obviously, when the lock-bar is forced into engagement with its corresponding buttons, those at the opposite side of the machine will be forced into intimate engagement with the ledge-portion of the rail 11, as this ledge and the lock-bar are in coincident horizontal planes. The ledge-portion of the left-hand rail 11, at the rear, is formed with a stop against which the rear button 22 on that side of the baseboard will impinge to limit the backward travel of the machine over the support, and this ledge-portion is also rounded at the front, as at 28, and the front end of the lock-plate 19 is likewise rounded, as at 29, these rounded portions, collectively, forming a guide-throat 30 between the rails with which the grooved buttons contact when the machine is pushed backwardly to a desired position and automatically locked in such position.

In the introduction of a portable machine baseboard into the throat 30 between the two ledges, the machine may be tilted slightly to align the two rear grooved buttons to the front ends of the ledges 15 and 19, and, after drawing the finger-piece 26 forwardly to spread the ledges, the machine may be pushed rearwardly upon the ledges, and, when all four buttons are engaged, the finger-piece 26 is released to its spring 20 to lock the baseboard with the four buttons clear of the desk-board 10.

Variations may be resorted to within the scope of the invention, and portions of the improvements may be used without others.

Having thus described my invention, I claim:

1. The combination with a typewriter-baseboard, of grooved buttons, secured to said baseboard, parallel rails to be secured to a desk to extend rearwardly thereon, one for engaging the grooved buttons on one side of the baseboard, a plate slidably mounted on the other rail for engaging the grooved buttons on the other side of the baseboard, and means co-operating with the plate to lock the baseboard with the typewriter in an adjusted position along said rails relative to the front of the desk.

2. The combination with a typewriter-baseboard, of a plurality of grooved buttons carried thereon, a support for the baseboard including fixed parallel rails, one engaging the grooved buttons on one side of the baseboard, a slide plate mounted on the opposite

rail, and a spring for causing said plate to engage the grooved buttons on the other side of the baseboard to lock the baseboard in an adjusted position along the rails.

3. The combination with a typewriter-baseboard, of sets of grooved buttons arranged at opposite sides of said baseboard, a support for said baseboard, including parallel rails, one directly engaging one set of grooved buttons on one side of said baseboard, a plate supported on the other rail for engaging the set of grooved buttons on the other side of the baseboard, said plate being slidably interlocked on said rail, and means connected to the slidable plate for locking the baseboard in a desired position along the rails.

4. The combination with a typewriter-baseboard, of a plurality of buttons depending from said baseboard, a support for said baseboard including fixed parallel rails of general Z cross-sectional shape, the ledge of one rail having direct engagement with the said buttons at one side of the baseboard, the ledge of the opposite rail supporting a slide plate provided with cam-grooves, headed studs on said ledge engaging said grooves, said plate normally engaging the buttons on its side of the baseboard, and tensional means for locking the parts.

5. The combination with a typewriter-baseboard, of a plurality of buttons secured to the bottom of said baseboard and provided each with a groove, stationary rails arranged in fixed parallel relation, one of said rails normally engaging the grooved buttons at one side of the baseboard and terminating in a unitary stop at the rear end thereof, the other rail having headed studs, a lock-plate slidably supported thereon and having slots to engage said studs, said lock-plate extending inwardly beyond its supporting rail to normally engage the grooved buttons on its side of the baseboard, tensional means for urging the lock-plate into locking contact with said buttons, and means for releasing the same.

6. The combination with a typewriter-baseboard, of a plurality of buttons fixed to the underside of said baseboard, each including a grooved circular member, fastening devices arranged at opposite sides of its center to secure it to said baseboard, a rubber foot-piece, means passing through the foot-piece and between the fastening devices for the button for securing it in position, stationary means for co-acting with the grooved buttons to support said baseboard in a desired position, and means for locking the supporting parts to said buttons.

7. The combination with a portable typewriting machine baseboard, of a support therefor, including a track to be secured to a desk to extend rearwardly thereon, holding means on said baseboard co-operating with

said track whereby the baseboard may be adjusted longitudinally forwardly and rearwardly relatively to the desk, means for securing the typewriter in adjusted position, said means yieldingly permitting the baseboard to be moved forwardly on the track for removal from the support, and means for releasing said securing means to permit the baseboard to be moved rearwardly to any desired adjusted position with respect to the front of the desk.

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