

Sept. 9, 1924.

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J. R. HENSLEY ET AL
TYPEWRITER SECURING DEVICE

Filed Aug. 1, 1923

Fig. 1.

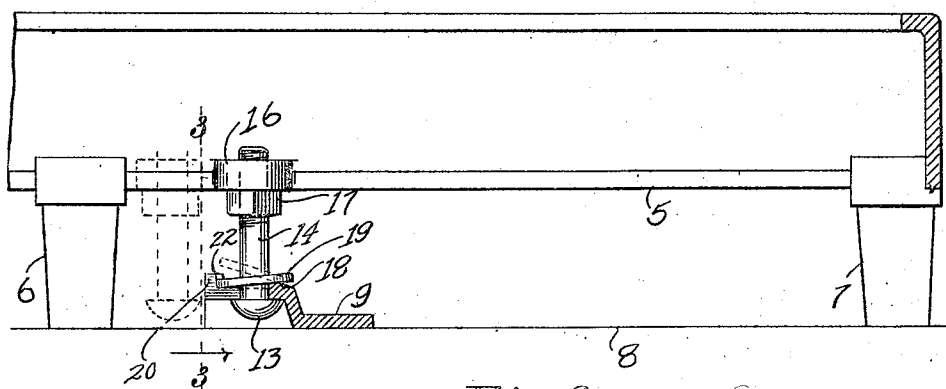


Fig. 2.

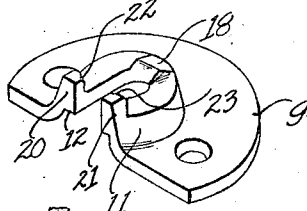
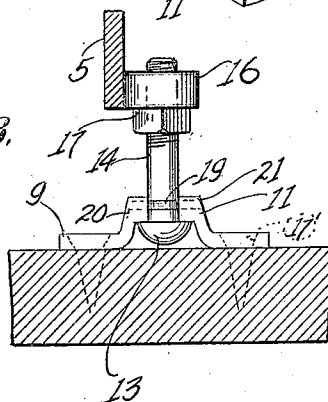


Fig. 3.



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UNITED STATES PATENT OFFICE.

JESSE R. HENSLEY AND CHARLES C. LACY, OF SAN FRANCISCO, CALIFORNIA.

TYPEWRITER-SECURING DEVICE.

Application filed August 1, 1923. Serial No. 655,138.

To all whom it may concern:

Be it known that we, JESSE R. HENSLEY and CHARLES C. LACY, citizens of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented new and useful improvements in Typewriter-Securing Devices, of which the following is a specification.

This invention relates to improvements in typewriter securing devices.

The principal object of this invention is to produce a device which may be attached to a table or other support for the purpose of removably securing a typewriter frame thereto. It is obvious, however, that this securing device might be used for other similar purposes.

Another object of this invention is to provide a device which is extremely simple, one which may be applied by the average person and one which will accommodate itself to various makes of typewriters and like machines.

A still further object is to produce a device of this character which is extremely cheap to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a fragmentary detail view of a base of a typewriter showing our invention applied thereto, the same being partly in cross section,

Figure 2 is a perspective view of the clamp per se, and

Figure 3 is a cross section through the frame and support, the view being taken on the line 3—3 of Figure 1.

In the manipulation of a typewriter and like machines where the keys are struck, the machine has a tendency to move over the support upon which it is resting and it is therefore essential that some means be provided for preventing this movement and heretofore long screws have been employed extending through the support with the result that it has been a tedious process to move a machine as these screws had to be removed. We have therefore provided a simple device which will obviate this difficulty.

In the accompanying drawings wherein

for the purpose of illustration is shown a preferred embodiment of our invention, the numeral 5 designates the base of a typewriter or like machine equipped with the usual legs 6 and 7, while the numeral 8 represents the top surface of the table or like support to which our device is attached.

As shown to advantage in Figure 2, the device embodies in its construction a U-shaped base 9 having an upwardly extending U-shaped collar 11 formed integral with the inner margin of the U-shaped base 9. This upstanding collar is provided with an inwardly extending flange 12 which is adapted to be contacted by the head 13 of a partly threaded bolt 14, the threaded end of which is secured to a lug 16 formed integral with the base 5, which lug 16, as well as the nut 17 are common to all makes of machines.

The U-shaped base 9 of our device is detachably secured to the support or table top by suitable screws or the like 17'. It will be noted that a protuberance 18 is formed upon the upper surface of the collar 11, which protuberance supports thereon the rear portion of a washer 19 encircling the bolt 14 and causes the washer to be angularly disposed with relation to the surface of the collar, as disclosed to advantage in Figure 1.

The numerals 20 and 21 designate extensions formed upon the collar, which extensions serve to retain the washer in position and co-operate with the washer so as to accomplish a locking of the bolt in the device. It will be noted that the extensions are cut away as at 22 and 23 respectively so that they conform to the contour of the outer periphery of the washer and thus a positive locking action of the washer with relation to the extensions is assured.

The operation of our device is as follows:—

Two of the devices are fastened upon the support or table top at proper distances apart so as to underlie the two downwardly extending bolts 14. Each bolt is positioned to have the head 13 thereof beneath the inwardly extending flange 12. The washer upon each of the bolts is then lifted and the machine is moved rearwardly until the bolt head 13 has reached the position shown in Figure 1. The washers are then dropped and will assume the full line position disclosed in Figure 1. When it is desired to remove the machine the finger of the opera-

tor is placed upon the raised end A of the washer and pressed downwardly, as disclosed in the dotted line position in Figure 1. This action causes the respective washer
5 to tilt over the protuberance 17, thus raising the front of the washer out of engagement with the extensions 19 and 21.

The frame as a whole may then be moved forwardly and the bolt head 13 disengaged
10 from the inwardly extending flange of our device.

It is to be understood that the form of our invention herewith shown and described is to be taken as a preferred example of the
15 same, and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

20 Having thus described our invention, we claim:—

1. In a typewriter securing device, the combination with a typewriter frame and its pendant headed bolt, of a U-shaped base

member, an upwardly extending recessed U- 25 shaped collar formed integral therewith and adapted to receive therebeneath the head of the bolt and having formed on its upper surface a spaced extension and a protuberance, and a washer encircling the bolt and 30 adapted to rest upon the protuberance and contact the rear of the extensions, for the purpose specified.

2. A securing device comprising a U-shaped base, a collar formed integral with 35 said base and being provided on its upper surface with extensions and a protuberance remote from the extensions of said collar, a bolt adapted to have its head underlie 40 the collar, and a washer vertically movable on the bolt and adapted to contact the protuberance and extensions of the collar, for the purpose specified.

In testimony whereof we affix our signatures.

JESSE R. HENSLEY.
CHARLES C. LACY.