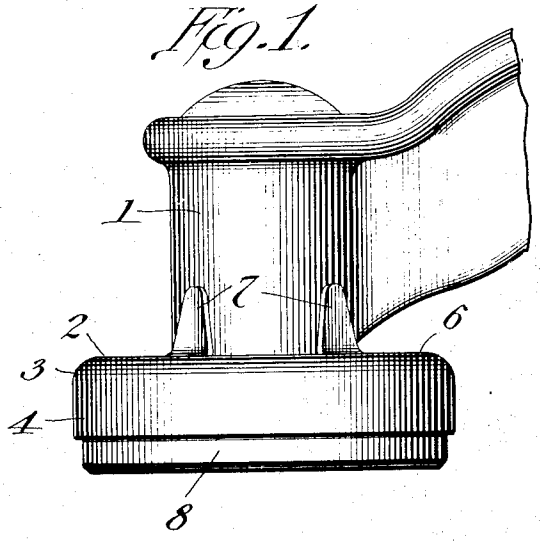
May 16, 1933. H. A. FOOTHORAP 1,909,671

PEDESTAL PAD

Filed March 29, 1930

Fig. 1.



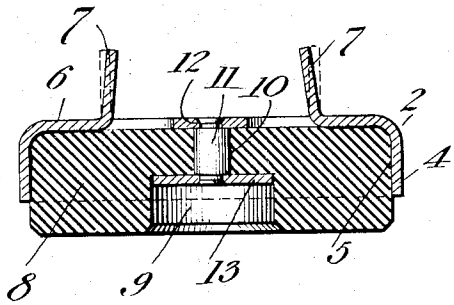


Fig. 3.

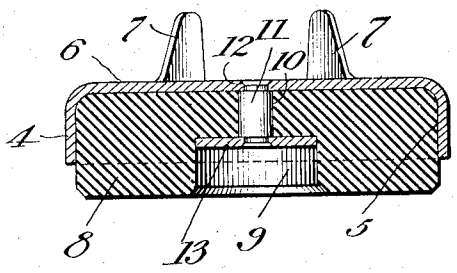


Fig. 4.

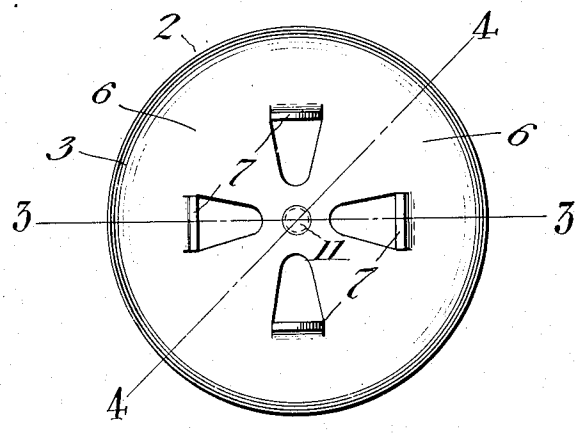


Fig. 2.

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Patented May 16, 1933

1,909,671

UNITED STATES PATENT OFFICE

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PEDESTAL PAD

Application filed March 29, 1930. Serial No. 440,146.

My invention relates to improvements in pads or feet for the pedestals of typewriter or calculating machine stands, or the legs of typewriters or other machines or articles.

The principal object of my invention is to provide an improved cushioning pad or foot for absorbing shock and noise when used in connection with a typewriter or other percussive machines and positively preventing the machine, or other article to which it is applied, from slipping along a highly polished floor or desk as the case may be.

Another important object is to provide a pad or foot which is well adapted for long use, that is to say for retaining its cushioning, silencing, and non-slip characteristics.

Other objects are the production of a device of this character which may be attached to machine legs or pedestals of different sizes, is simple in construction, and inexpensive to manufacture.

Other and subordinate objects will appear and the nature of my improvements will become apparent as the succeeding description is developed.

In the accompanying drawing there has been illustrated a preferred embodiment of my invention:

Figure 1 is a view in side elevation illustrating my improved pad or foot applied to one leg of a typewriter pedestal or stand,

Figure 2 is a top plan view,

Figure 3 is a transverse sectional view taken on the line 3—3 of Figure 2, and

Figure 4 is a similar view taken on the line 4—4 of Figure 2.

Referring to the drawing by numeral, 1 designates one of the legs of a pedestal, not shown, such as is used as a base for typewriting or calculating machines, and 2 my novel pad or foot applied thereto.

The pad or foot, in the form illustrated, includes a socket member 3, preferably constructed of a suitable metal, and having an inverted cup shaped form to provide a depending flange or skirt 4 and a chamber 5. The top 6 of the socket member, which is preferably flat, is provided with upstanding lugs or prongs 7, in this instance four in number, disposed concentrically of the axis of the socket. The lug or prong 7 may be formed integrally with the top 6 by stamping them out along radial lines and bending them up, or in any other suitable manner. It is contemplated, however, that the lugs 7 shall be adapted to be sprung, outwardly, from an inclined position as shown in dotted lines in Figure 3, to yieldingly grip the legs 1 and be adaptable to fit legs of different sizes. To this end the material of the socket 3 may be sufficiently resilient to impart to the lugs 7 the character described, when they are formed integrally therewith, or the lugs only may be formed of resilient material and attached in any suitable manner.

A cushioning member 8, of disc-like form, fitting snugly within the chamber 5 and projecting for a suitable distance below the skirt 4, is secured to the socket member 2 as presently described. The cushioning member is preferably formed of sponge rubber, or a similarly resilient pliable material which will not harden under long use.

Said cushioning member 8 is provided in its lower portion with an axially disposed bore 9 extending for a suitable distance from its bottom to form a vacuum chamber. A smaller counterbore 10 is provided in the upper portion of the cushioning member. A single rivet 11, passing through an axially disposed rivet opening 12 in the socket member 3, and said counterbore 10, clamps the cushioning member 8 between the upper surface of the chamber 5 and a retaining plate 13 seating against the upper end wall of the bore 9.

In operation, the skirt of the socket member keeps the pliable sponge rubber cushioning member 8 from spreading while at the same time because of its pliable nature and the bore 9 it acts as a vacuum cup and prevents creeping. The socket member 3 can be drawn from a single piece of material such as steel and the cushioning member 8 inexpensively produced as by molding so that the entire device can be cheaply manufactured.

What I claim is:

A pedestal foot or pad including, a circular socket comprising a body portion having

a down turned marginal flange and a series of upstanding prongs struck up radially from the body portion to receive the pedestal therebetween and to provide a central hub portion, said socket being formed from a single piece of sheet metal resilient in character whereby said prongs are adapted for gripping said pedestal and the socket for axial location thereon, a circular cushioning member adapted to be partially housed by said flange and having a central open bottomed chamber, and means for clamping the cushion member to the hub portion and including, a retaining plate seated against the upper wall of the chamber and secured to the hub portion of the socket.

In testimony whereof I have affixed my signature.

HARRY A. FOOTHORAP.