

F. W. BOCKING.
CUSHION SUPPORT.
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1,345,987.

Patented July 6, 1920.

Fig. 1.

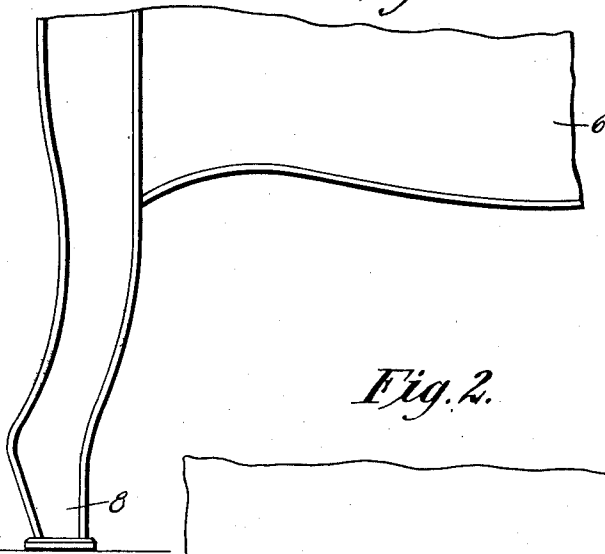


Fig. 2.

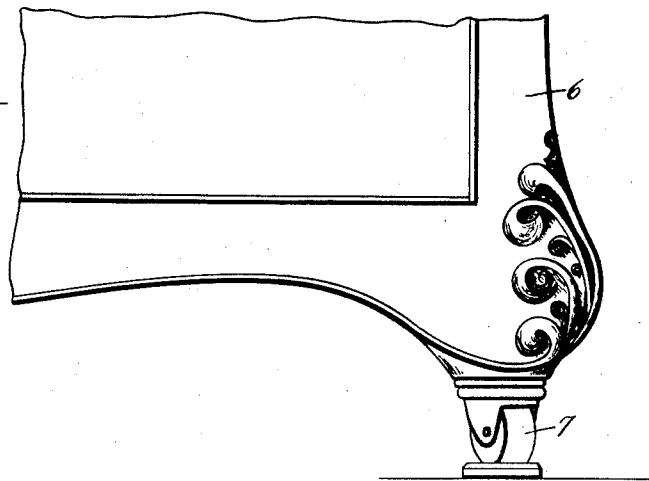


Fig. 3.

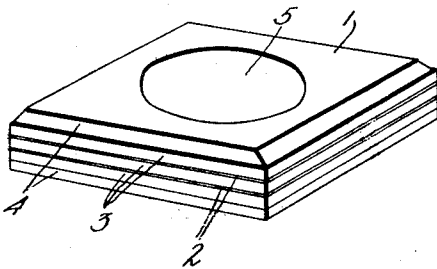
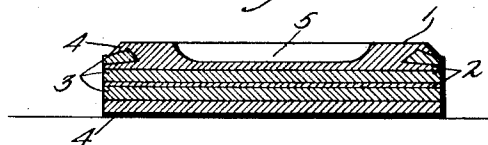


Fig. 4.



WITNESSES

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CUSHION-SUPPORT.

1,345,987.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FREDERICK W. BOCKING, a citizen of the United States, and a resident of the city of Rifle, in the county of Garfield and State of Colorado, have invented a new and Improved Cushion-Support, of which the following is a full, clear, and exact description.

This invention relates to improvements in cushion supports, an object of the invention being to provide a resilient pad adapted to receive the feet or casters of musical instruments, such as victrolas or pianos, and which will absorb the sound vibrations ordinarily transmitted by the instrument to the floor, thus improving the tone of the instrument and eliminating harsh unpleasant tones caused by the contact of the instrument with the floor.

A further object is to provide a device of the character stated, which may be used in connection with any form of musical or other instrument, and which will be inexpensive and durable.

With these and other objects in view, the invention consists in certain novel features of construction, and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings:

Figure 1 is a fragmentary elevation showing the device supporting the leg of an instrument without casters.

Fig. 2 is a similar view showing the device located under a caster.

Fig. 3 is a perspective view of the device.

Fig. 4 is a view in vertical cross section, through the device.

My improved pad 1 comprises a series of superimposed alternate layers of rubber of different composition. The main supporting layers 2 are cemented together by interposed thicknesses of vulcanized rubber 3, and the upper and lower thicknesses 4 are also composed of relatively soft vulcanized rubber or similar gum.

The upper thickness of the layers 2 is preferably made with a central opening which is filled by the soft upper layer 4, and the latter is strengthened and reinforced by the upper layer 2.

By reason of this construction a pad is

formed which is resilient yet embodies strength and durability to withstand the pressure and weight of the instrument thereon, and prevent the transmission of sound waves to the floor.

The pad 1 is preferably made with a central depression 5 to receive a caster 7 or leg 8 of the supported article 6 and it is to be understood that the pad may have any desired shape or form in accordance with the use to which it is put.

While I have described my improved pad in connection with musical instruments I do not limit myself to any particular use, as it is obvious that the pad may be used to support typewriters, dictaphones or any other device.

While I do not limit myself to any particular compositions of rubber, it is important that the supporting layers 2 be of relatively hard material with a relatively low degree of resiliency, and that the layers 3 be of relatively soft material with a high degree of resiliency. This construction forms a complete pad which is resilient, and yet tough and strong enough to form a support for heavy furniture.

Various slight changes might be made in the general form of the parts described without departing from my invention, and hence I do not limit myself to the precise details set forth but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claims.

I claim:

1. As a new article of manufacture, a cushion pad comprising a series of superimposed layers of rubber, certain of said layers being of relatively soft rubber with a relatively high degree of resiliency and others of said layers being of relatively hard rubber with a relatively low degree of resiliency, the alternate layers being of the same material and the adjacent layers being of different material, and all of said layers vulcanized together.

2. As a new article of manufacture, a cushion pad comprising a series of superimposed layers of rubber, certain of said layers being of relatively soft rubber with a relatively high degree of resiliency and others of said layers being of relatively hard

rubber with a relatively low degree of resiliency, the alternate layers being of the same material and the adjacent layers being of different material, the top and bottom layers being of relatively soft rubber, the uppermost layer of relatively hard supporting rubber having a central opening which is filled by the top layer of soft rubber and said top layer of soft rubber having a circular depression in its face, the uppermost layer of hard rubber forming a support for the walls of said depression, and all of said layers vulcanized together.

FREDERICK WILLIAM BOCKING.