Dec. 22, 1936. P. GORDON 2,065,450

PADDING FOR CARPETS AND THE LIKE

Filed Sept. 4, 1935

FIG. 1.

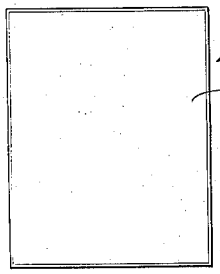


FIG. 2.

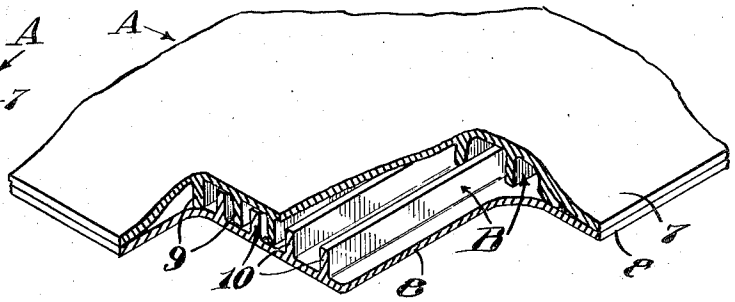
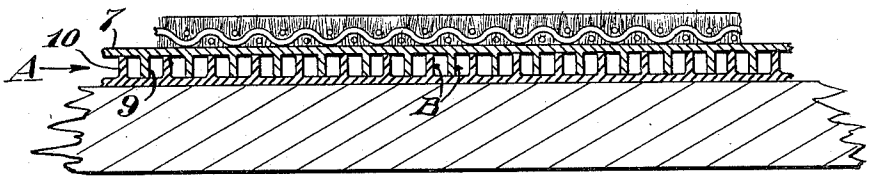


FIG. 3.



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PADDING FOR CARPETS AND THE LIKE

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1 Claim. (Cl. 154—49)

This invention relates to padding and more particularly pertains to a padding for carpets, rugs and other floor coverings; the padding however being applicable for other uses.

An object of the invention is to provide a padding which is highly sanitary and while affording requisite resiliency and cushioning action is such as to be impervious to penetration by dust, such as may pass through a covering beneath which the padding is disposed, and whereby such dust may be removed in most part by the usual vacuum sweeper.

It has heretofore been the practice to form mattings and paddings for floor covers of a fibrous or porous surface of a character capable of collecting and retaining dust passing through the covering, which objectionable feature is overcome by the present invention.

Another object is to provide a padding which possesses high sound and temperature insulating properties.

Another object is to provide a padding which may be formed of rubber or rubber composition and formed in sheets of any desired dimensions.

A further object is to provide a padding of the above character embodying air spaces whereby the padding will be rendered light in weight and its cushioning effect greatly enchanced.

With the foregoing objects in view together with such other objects and advantages as may subsequently appear the invention resides in the parts and in the combination, construction and arrangement of parts hereinafter described and claimed and illustrated by way of example in the accompanying drawing in which:

Fig. 1 is a plan view of the pad involving the invention;

Fig. 2 is a fragmentary corner portion of the pad with the corner thereof broken away to show the interior construction thereof;

Fig. 3 is a detail of the pad as seen in cross section showing it as applied.

Referring to the drawing more specifically A indicates generally a pad, which includes a top membrane 7 and a bottom membrane 8, which membranes comprise sheets of elastic or resilient material, such as rubber or rubber composition, and are formed with smooth non-porous outer surfaces sufficiently compact to be impervious to penetration by dust imposed thereon such as is sifted through carpets, rugs and the like.

The membranes 7 and 8 overlie each other and are spaced apart to provide an air space therebetween; the membranes being normally maintained in spaced relation by a multiplicity of closely arranged resilient supporting elements B interposed between the membranes 7 and 8.

The elements B comprise a series of protruding ribs 9 formed integral with the upper membrane 7 and bearing against the upper face of the bottom membrane 8, and a series of corresponding ribs 10 formed integral with the membrane 8 and extending upwardly and bearing against the under side of the top membrane 7. The edges of the membranes 7 and 8 are united as by cementing or vulcanizing so as to enclose a dead air space within the pad.

In the application of the invention the pad is interposed between a carpet, rug or other covering, and the supporting surface therefor, such as a floor; the pad being arranged with the membrane thereof uppermost. By forming the membrane with the resilient protuberances B the pad is given a cushioning quality and by forming the upper surface of the membrane smooth and non-porous dust screened through the covering will be loosely deposited on such surface so that it may be removed at least in most part through the covering by the usual vacuum sweeper. In this fashion the accumulation of dust in the pad will be prevented thus overcoming an objection to the usual fibrous mattings and pads employed under floor coverings.

The pad thus formed is quite sanitary since it may be readily cleansed, and in use has a high sound insulating as well as electrical and temperature insulating properties.

I claim:

A padding for floor coverings and the like comprising a pair of spaced resilient non-porous membranes, a series of spaced parallel ribs integral with each of said membranes on the side thereof presented toward the other membrane, the ribs on one membrane paralleling the ribs of the other membrane and extending therebetween in close spaced relation thereto and seating on the opposed membrane; said membranes being united at their edges to enclose dead air spaces between adjacent ribs.

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