Oct. 27, 1953 G. A. GERARD 2,657,158

NONSCRATCHING PACKING PAD

Filed June 13, 1950

Fig. 1.

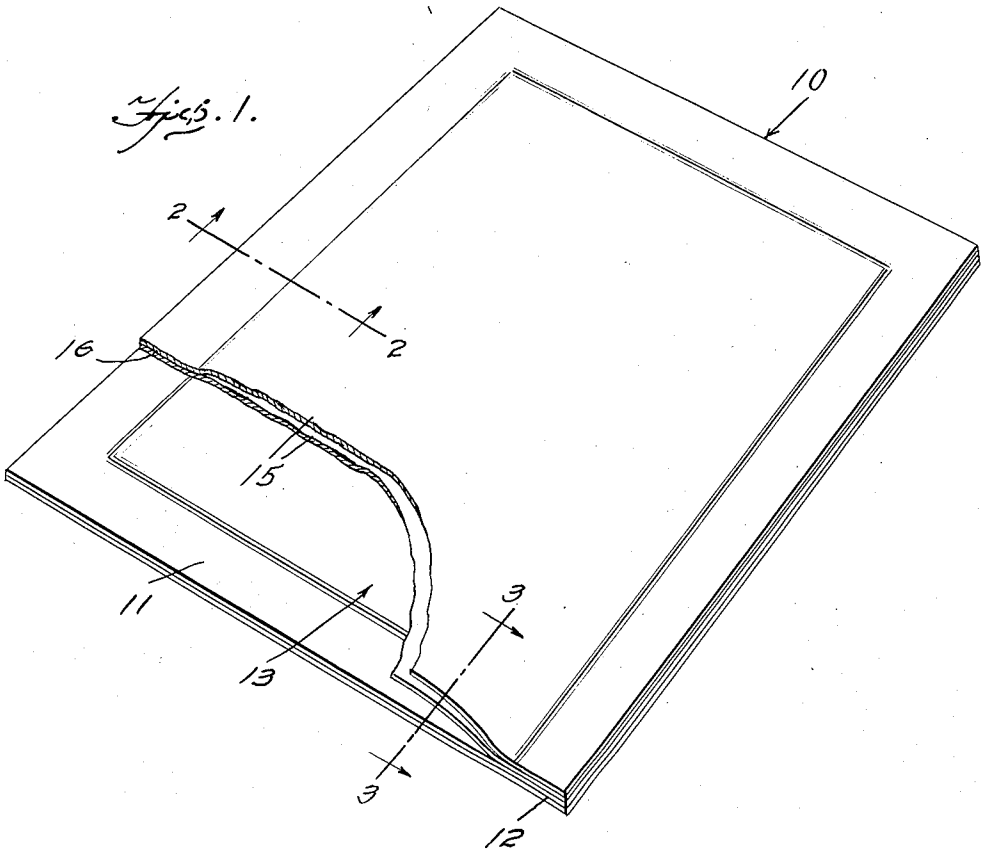


Fig. 2.

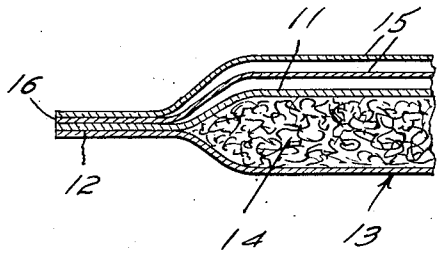
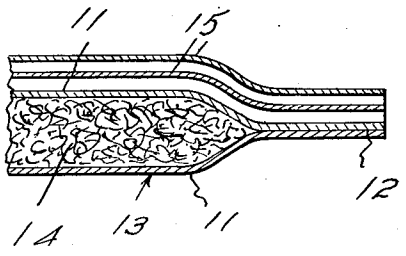


Fig. 3.



INVENTOR.
George Gerard
BY
Wilfred C. Lawson
ATTORNEY

Patented Oct. 27, 1953 2,657,158

UNITED STATES PATENT OFFICE

2,657,158

NONSCRATCHING PACKING PAD

George A. Gerard, Hillside, N. J., assignor to Cotton Wood Products, Inc., Baltimore, Md., a corporation of Maryland

Application June 13, 1950, Serial No. 167,838

1 Claim. (Cl. 154—54)

1

This invention relates to improvements in laminated sheet materials and is directed particularly to an improved material of such character which is designed as a protective means for highly finished surfaces, as, for example, furniture.

Many articles of commerce are, today, provided with finished surfaces having a high gloss and the protection of such glossy surfaces in shipment, is particularly difficult with the packing materials at present available. Such materials must not only be of sufficient thickness and softness to protect the surfaces, but should also have a surface which will not scratch or mar the finish upon the furniture, or other body, which is a combination of features not found in the packing materials to be had up to development of the instant invention.

A particular object of the present invention is, accordingly, to provide an improved packing pad which combines a soft, relatively thick pad body of strong, tough and durable material, with a facing of soft, not abrasive material which latter may be placed directly against a highly polished surface without marring or scratching the same, while the padding portion effectively protects such surface from damage by any object which may be jambed against it.

Another object of the invention is to provide an article of the character stated which can be produced in quantity economically from cheap raw materials and in part in fact, from waste materials such as shreaded paper, excelsior and the like.

A further object is to provide an article of the character stated comprising a pad body having over one side thereof one or more sheets of soft tissue or crepe paper, or any other sheet material of suitable character, which is attached to the pad along two edges, or in which the major portions of the sheet surfaces are separable one from the other and from the pad so that some relative movement is possible without tearing and without rubbing the polished surface under protection.

The invention will be best understood from a consideration of the following detailed description taken in connection with the accompanying drawing forming a part of the present invention, with the understanding that the invention is not confined to a strict conformity with the showing of the drawing but may be changed or modified within the scope of the appended claim.

In the drawing:

Figure 1 is a view in perspective of a packing pad constructed in accordance with an embodiment of the present invention, parts being broken away.

2

Figure 2 is a partial section taken substantially on the line 2—2 of Figure 1.

Figure 3 is a partial section taken substantially on the line 3—3 of Figure 1.

Referring more particularly to the drawing the numeral 10 generally designates a packing pad, made in accordance with the present invention. Such pad is here shown as being of approximately rectangular form or outline, but it will be obvious from a consideration of the following description that it may be of any desired form.

In accordance with the invention, there is provided a main body comprising two sheets 11 of heavy, fibrous material such, for example, as heavy kraft paper, which are joined by suitable adhesive, along each of their edges, as indicated at 12, thereby forming an envelope 13.

The envelope 13 is filled with any suitable filler 14, which may be shredded paper, excelsior, cotton or cellulose, so as to form a flat soft cushion or pad.

Overlying one side, or face, of the pad, or cushion, so formed are one, two or more plies or sheets, of a soft paper such as tissue, creped or uncreped, facial quality or plain, white, colored, or unbleached. Each of these plies is designated 15 and they are of a somewhat greater length or width than that of the pad and are glued together and to the underlying sheet 12, along two opposite edges, as indicated at 16 in a manner that a fullness is provided between the same and the pad; the other two edges of the tissue sheets being unjoined, and free from connection with the pad, as shown in the three figures of the drawing.

While one particular type of paper has been mentioned for the pad sheets 11, it is to be understood that this has been set forth only as an example of one material which could be used and is not intended to in any way limit the invention, since other types of paper and materials might be made use of satisfactorily.

It is thought to be obvious that in the use of the present invention, which may be made in various sizes as well as shapes, the tissue faced side of the pad will be placed against the surface to be protected, so that any movement of another body pressing against the pad, and causing movement of the pad, will not produce abrasion of the said surface since the soft tissue could do no harm to the surface, such as might be done by the harsher material forming one side of the pad body or envelope.

From the foregoing it will be seen that the present invention provides a packing pad which can be economically produced and one which will give maximum protection to polished surfaces over which it may be secured.

I claim:

As a new article of manufacture, a rectangular packing pad comprising a filler formed of a relatively thick layer of a fibrous material, an envelope formed of two sheets of a relatively heavy flexible sheet material having the edges thereof adhesively joined to fully enclose said layer of fibrous material, and two sheets of a soft textured material overlying one face of said envelope in superposed relation with respect thereto, two of the opposite edges of the last named sheets being adhesively joined, together with the complemental edges of said envelope, the portions of said last named sheets between the joined edges thereof having a slight fulness to prevent disruption of the same in the event of movement of the pad structure relative to the object to be protected thereby.

GEORGE A. GERARD.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
915,094	Goodrick	Mar. 16, 1909
1,323,610	Price	Dec. 2, 1919
1,918,246	Burrows	July 18, 1933
1,959,951	Gerard et al.	May 22, 1934
2,518,762	Draheim	Aug. 15, 1950
2,576,278	Bode	Nov. 27, 1951