June 7, 1932. R. P. HAYDEN ET AL 1,861,530

MOUNTING PLASTERS AND OTHER ADHESIVE FACED ARTICLES

Filed Dec. 31, 1930

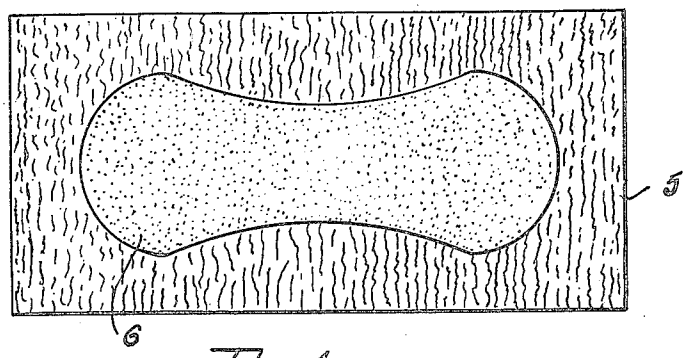


Fig. 1

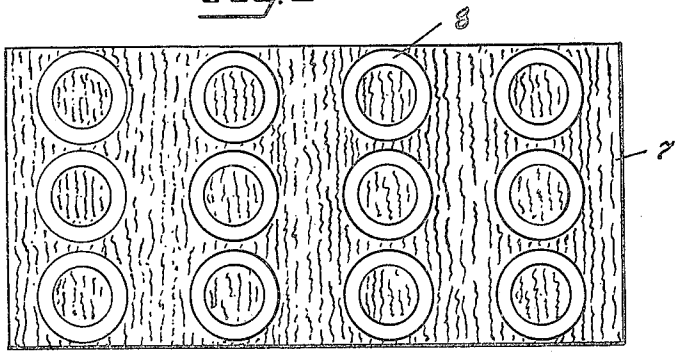


Fig. 2



Fig. 3

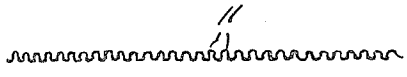


Fig. 4

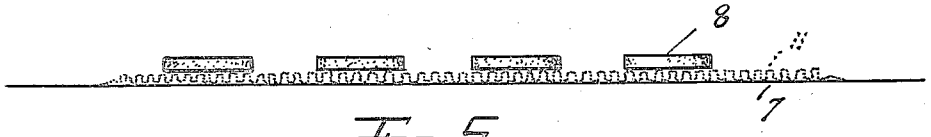


Fig. 5

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UNITED STATES PATENT OFFICE

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MOUNTING PLASTERS AND OTHER ADHESIVE FACED ARTICLES

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Medicated plasters and the like adhesive faced articles usually are mounted on facing cloth, such as crinoline, to prevent promiscuous sticking during transit and storage, the cloth being removed immediately before the artcle is put into service. The removal of the cloth not only is an awkward, not to say difficult operation, but the use of cloth is expensive.

Our invention is addressed to the proposition of dispensing with the use of crinoline or the like foundation fabric by a vastly superior method of mounting plasters and other adhesive faced articles, whereby the removal of the articles becomes a very simple operation.

The nature of the invention consists in mounting plasters and other adhesive faced articles on sheeted material, such as crinkled paper and fluted paper, which presents spaced points of contact and which is extensible or expansible in its plane such that when extended or straightened out in response to opposed endwise pulling strain, large plasters instantly will be released and small articles of ring form, such as corn plasters, gaskets and the like actually will be expelled or flipped into space.

In the accompanying drawing forming a part hereof,

Figure 1 is a plan view showing a so-called kidney plaster or other body plaster mounted in accordance with the invention.

Fig. 2 is a similar view showing annular bodies mounted in accordance with the invention.

Figs. 3 and 4 are edge views of varied forms of mounting, and

Fig. 5 is a view principally in diagram showing how in response to exerted, opposed, edgewise pull the facing strip has been straightened and has released the adhesive faced commodity.

According to our invention we mount adhesive faced bodies, such as plasters and the like, on relatively stiff crinkled paper or fluted paper or paper otherwise formed to provide elevated spaced points of contact or support for the adhesive faced commodity whatever it may be. In Fig. 1 the crinkled paper is shown at 5 and it forms a temporary facing for an adhesive faced body plaster 6. It will be understood that in an application of this kind, that is to say, where the length of the article is greater than its width, it will be applied to the paper at right angles to the valleys and humps thereof so that in response to opposed edgewise pulling strain making for straightening effort or expansion of the paper in its own plane, the spaced points of contact afforded by the humps will immediately resolve themselves into the flat plane of the paper with the result that the plaster or other commodity being thereby instantly released from its bond, can be removed with facility and dispatch.

The described mounting is particularly advantageous for corn plasters and other adhesive faced ring shaped articles such as gaskets and the like. Such an assembly is shown in Fig. 2 in which 7 is the extensible facing and 8 the commodity carried thereby.

Fig. 3 shows an extensible facing in the form of crinkled paper providing elevated points of line contact 9 separated by troughs or valleys 10; and Fig. 4 is a carrying forward of this idea in the form of more or less uniformly fluted paper to provide elevated line contact as at 11.

Fig. 5 illustrates in principal and substance the reduction to practice of the inventive thought, the dotted line representing the relative arrangement of the commodity and facing when associated, and the flat line indicating how in response to exerted pull, the crinkles or flutes have been straightened out in the plane of the facing with the manifest result of releasing or expelling the articles carried thereby.

What we claim as new is:—

1. A plaster or other adhesive faced article combined with a sheet of relatively tough paper constituting a temporary mounting or facing for the adhesive face of the article, said paper being crinkled or fluted substantially at right angles to the major dimension of the article, whereby in response to exerted stress tending to flatten the paper, the associated article is released with facility and dispatch.

2. A plurality of adhesive faced articles, and means for supporting and carrying them in a substantially common plane and presenting spaced points of contact for each of said articles, said means consisting of fairly stiff crinkled paper, whereby, in response to exerted effort tending to remove the crinkles, the articles are released from bondage.

In testimony whereof we affix our signatures.

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