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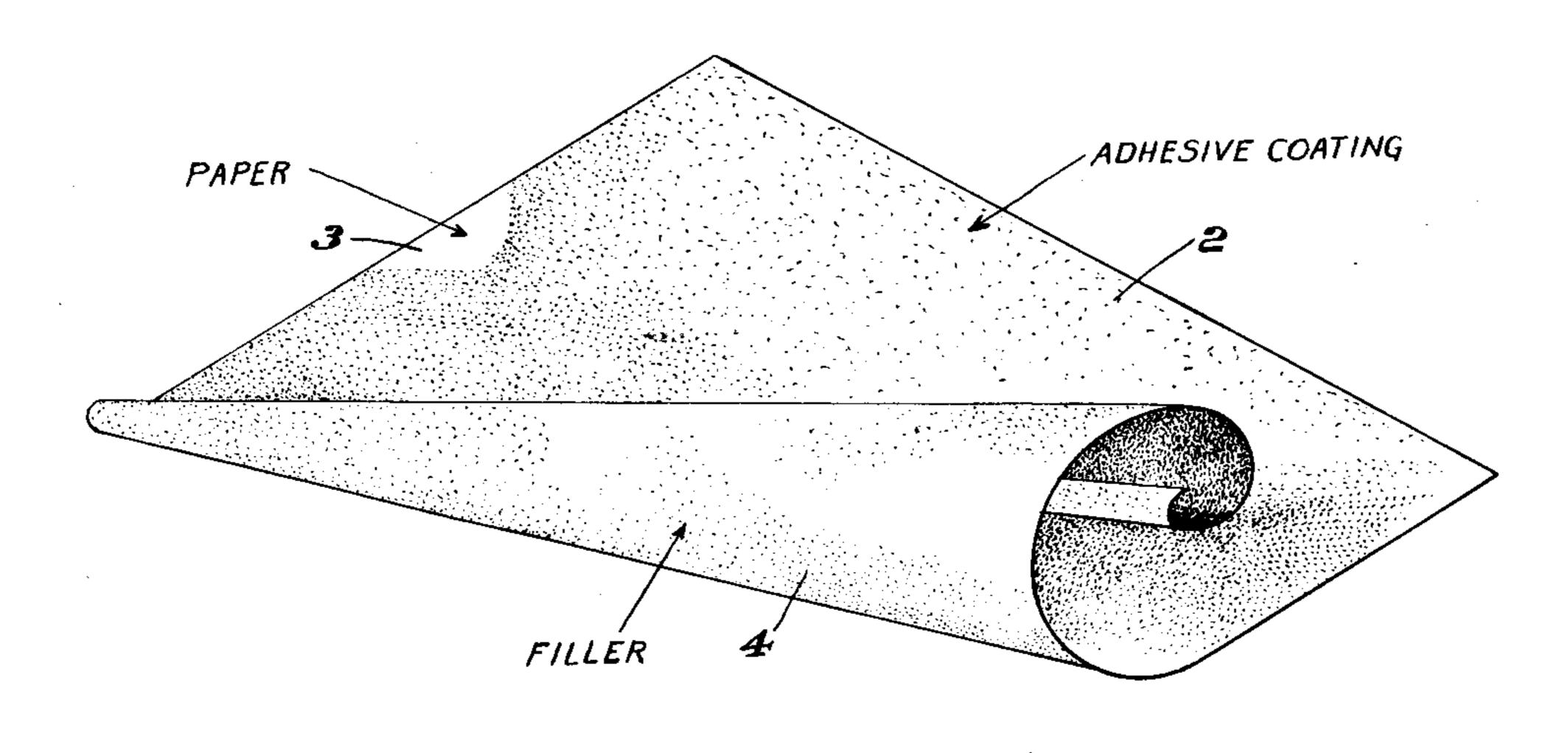


Fig.1

ADHESIVE COATING		
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C1.1.5.B		

F16.2

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## UNITED STATES PATENT OFFICE.

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ferred to as "paper."

kinds of work, it is necessary to protect some place of those mentioned. 10 parts of the work from the spray. This is An adhesive material made by formulæ 15 upholstery must always be protected from water remaining in the coated paper when it 20 geon's tape or ordinary gummed sealing tape. indefinitely. The surgeon's tape is expensive, and the seal- I prefer to use a relatively strong paper, 75 finished only with considerable difficulty.

25 shall have sufficient strength and adhesion from abrasion. The adhesive coating is apto hold the covering paper from being blown plied to the opposite side of the paper. 30 easily when the work is finished, and that any embodying this invention. The paper sheet

moved.

The present invention aims to devise an necessarily is exaggerated in Fig. 2. 35 adhesively coated paper which will be rela- In order to prevent the paper when wound

ditions above described.

I have found that the foregoing require- ing paper between adjacent sheets of the 40 ments are satisfied by a paper coated with a gummed paper. sive used may consist of Irish moss, gelatine to the work. The adhesive coating is usually but since the adhesive properties of this ma- coating, and when the work is finished the 50 percentage of gelatine glue or some equiva- fact that the adhesive coating has remained character. A formula which has proved sat- again either with or without additional isfactory consists of 10 parts, by weight, of moistening. Usually it is not necessary to Irish moss, 8 parts of gelatine glue, 125 parts moisten it for subsequent applications, but

This invention relates to coated papers, of water, and 60 parts of glycerine. This 55 and more especially to gummed papers, cloth, formula may, however, be varied considerand other sheet materials, hereinafter re- ably, and I have found that good results are produced by using from 8 to 15 parts of It is now a common practice to apply Irish moss, with gelatine glue varying from paint, varnish, and the like, to furniture, zero to 10 parts, glycerine from 45 to 75 60 automobiles, and other articles, by means of parts, and water from 125 to 275 parts. Also, a spray gun. In spraying the paint on some other water soluble adhesives may be used in

particularly true in painting automobiles such as those above given can be applied to 65 since different parts of an automobile are the paper with the usual coating machinery. often painted in different colors and some A large part of the water subsequently is parts, such as the windshield, windows and driven off by drying so that the quantity of the paint or varnish. At present the usual is ready for the market is approximately 70 practice is to cover the parts to be protected equal to the glycerine. In this condition the with newspapers, or other cheap paper, and coating is tacky under normal atmospheric to hold the paper in place by means of sur- conditions and will remain tacky practically

ing tape can be removed after the work is such as a kraft paper, and to coat one side of nished only with considerable difficulty. the paper with starch, casein, or some other It is essential that the adhesive tape used filling material which will protect the paper

off the work by the force of the blast of air Figs. 1 and 2 of the accompanying drawwhich creates the spray. At the same time ings are perspective and cross-sectional it is desirable that the paper be stripped off views, respectively, illustrating a coated paper of the adhesive which is left on the work be is shown at 2, the adhesive coating at 3, and 85 of such a character that it can be easily re- the filling material at 4. It will be understood that the thickness of the paper and coatings

tively inexpensive to manufacture and will in rolls or stacked in sheets from sticking to- 90 be especially adapted for use under the con-gether and caking, I prefer to insert a strip or sheet of glassine or other moisture resist-

water soluble adhesive carrying a sufficient This gummed paper is used in the usual 95 quantity of glycerine or some other hygro- manner either directly to cover the surface to scopic agent to keep the adhesive tacky under be protected from the paint or varnish spray, normal atmospheric conditions. The adhe- or in strips to secure another protective paper glue, gum tragacanth, or the like. Because moistened before the paper is applied to the 100 of its low price I prefer to use Irish moss, work in order to increase the tackiness of the terial vary considerably, I add to it a certain paper can easily be stripped off due to the lent material which is of a more uniform tacky or sticky. The paper can then be used 105

this may be necessary occasionally due to the comprising paper having one side thereof 20 in the adhesive coating. The fact that the tacky under normal atmospheric conditions. 5 back of the paper, that is, the surface which 2. An article of the character described 10 paper.

While I have herein disclosed the best em- to that of glycerine.
bodiment of my invention that I have so far 3. An article of the character described

scope thereof.

-

I desire to claim as new is:

desire to claim as new is:

1. An article of the character described

fact that the solvent used in the paint some coated with a filler and its opposite side times dries out a certain amount of the water coated with a water soluble adhesive which is

is not covered with adhesive, is coated with a comprising paper having one side thereof 25 filler which protects the paper against rough- coated with an adhesive compound comprising up when it is rubbed in being applied to ing a small percentage of a water soluble adthe work, greatly increases the life of the hesive, a larger percentage of glycerine, and a proportion of water approximately equal

devised, it will be appreciated that the inven- comprising a relatively strong sheet of paper tion is susceptible of embodiment in many having on one side thereof a coating to pro-15 forms without departing from the spirit or tect it against abrasion, and on its opposite side a coating of a relatively weak water 35 Having thus described my invention, what soluble adhesive including a substantial percentage of glycerine.

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