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G. D. CRABBS & W. H. PENDERY.

READY MADE ROOFING.

APPLICATION FILED FEB. 12, 1907.

Fig. 1.

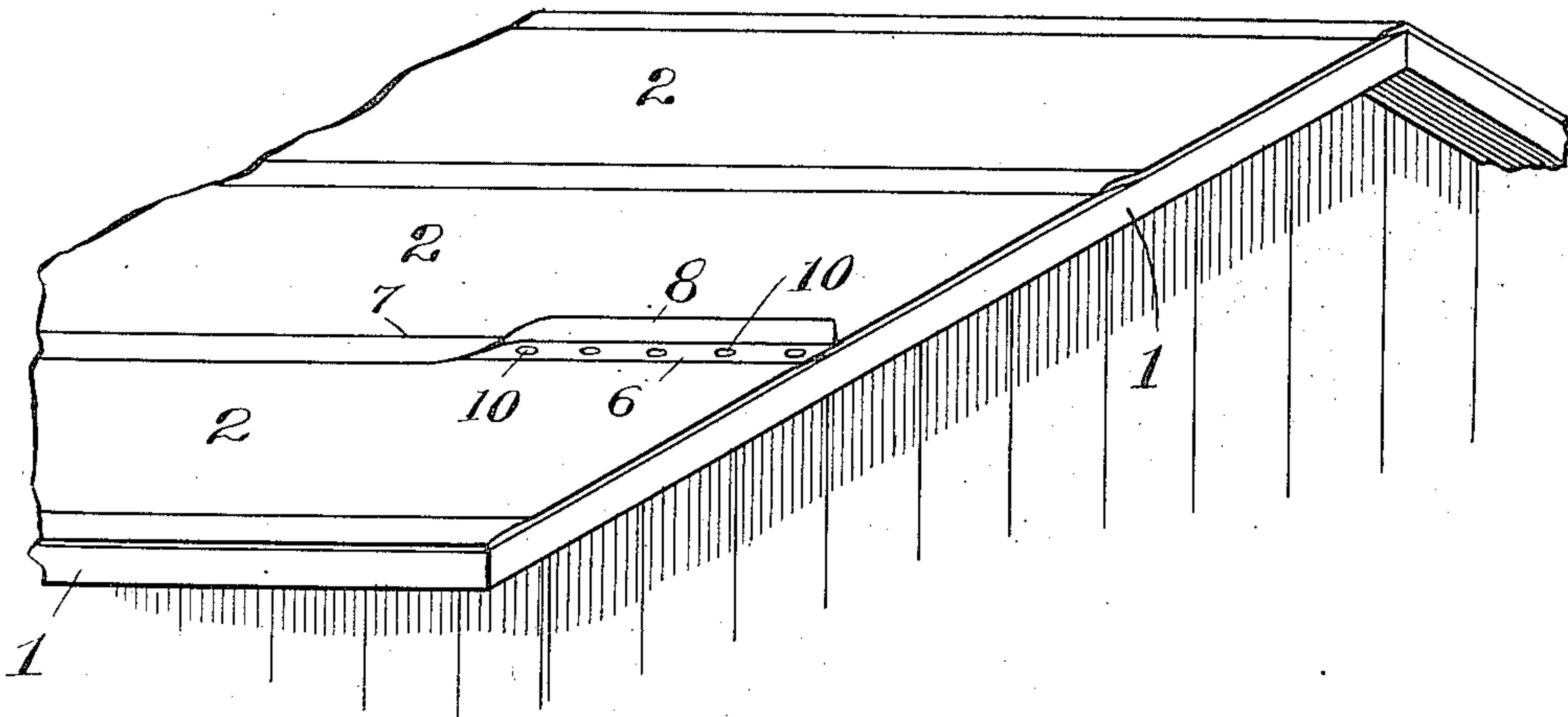


Fig. 2.

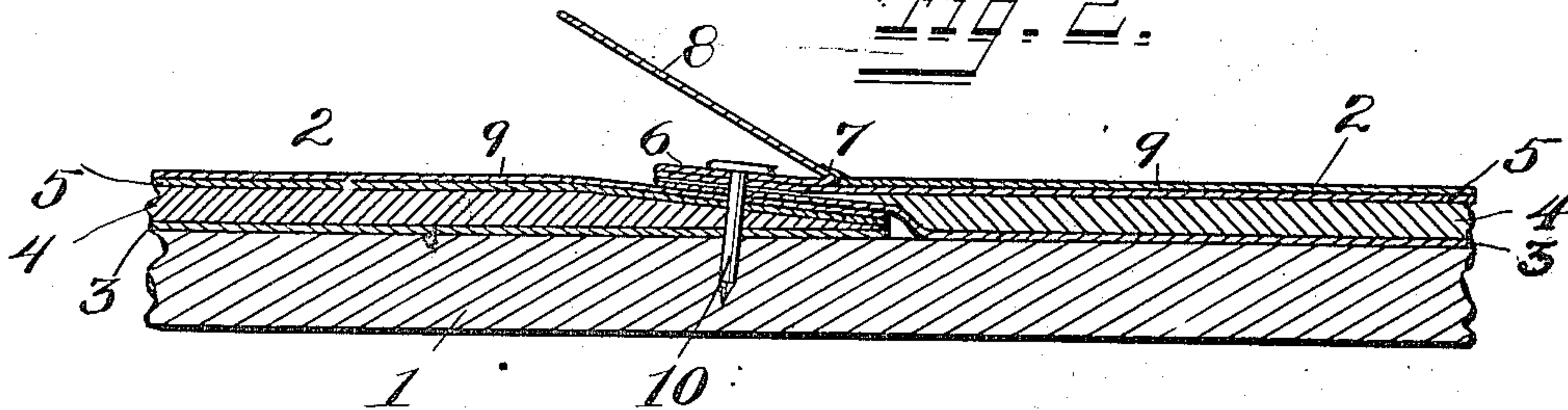
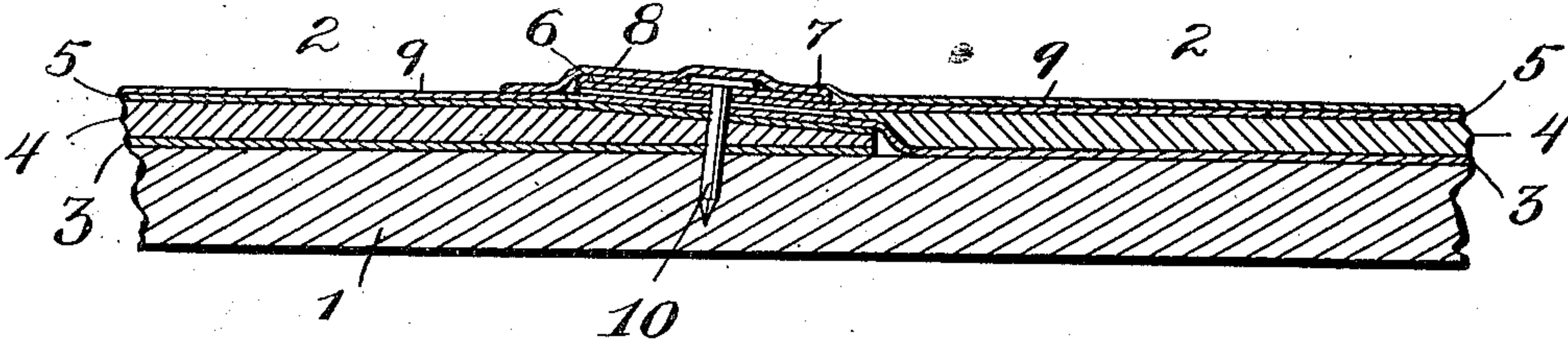


Fig. 3.



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# UNITED STATES PATENT OFFICE.

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## READY-MADE ROOFING.

No. 855,757.

Specification of Letters Patent.

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*To all whom it may concern:*

Be it known that we, GEORGE D. CRABBS and WILLIAM H. PENDERY, citizens of the United States, residing at Hartwell and Lockland, respectively, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Ready-Made Roofing, of which the following is a full, clear, and exact description, reference being  
10 had to the accompanying drawing, forming part of this specification.

Our invention relates to that class of roofing known as "ready-made" roofing, usually consisting of various layers of various kinds  
15 of material and all united together to form the roofing, which, after being so formed is usually rolled up in the factory ready to be taken out and to be applied to roofs, as the occasion requires.

20 The object of our invention is to provide a roofing of the above character which shall be both simple and cheap in construction and which, from its peculiar construction shall be both weather and water proof, shall be  
25 able to withstand the winds and to which, when necessary a coat of paint or other renewing material may be easily, quickly and permanently applied.

30 The novelty of our invention will be herein after more fully set forth and specifically pointed out in the claims.

In the accompanying drawing: Figure 1 is a perspective of a portion of a roof of a building having thereon our improved roofing,  
35 with one of the joint-laps raised to show the manner of application. Fig. 2 is an enlarged sectional side elevation at one of the joints before the joint-protecting lap is brought down and cemented over the heads of the  
40 fastening nails. Fig. 3 is a view corresponding to Fig. 2, but showing the joint completed.

The same numerals of reference are used to indicate identical parts in all the figures.

45 1 represents the roof of a building to which our improved roofing is applied.

2 represents the strips of roofing which are preferably laid horizontally upon the roof 1, though, if desired, they might be arranged  
50 vertically.

The strips 2 are composed, as shown more clearly in Figs. 2 and 3, of a suitable base portion 3, which is preferably composed of paper felt and upon which is applied any  
suitable body portion 4 which is preferably  
55 composed of a cement having as ingredients asphaltum, to which may be added asbestos fiber or other ingredients suitable to form a pliable body portion, such body portion being co-extensive with the base portion  
60 3. Superimposed upon said body portion 4 and partly embedded therein, is a strength giving portion 5 which preferably consists of a coarse woven burlap, though any other material may be used for this purpose.  
65 This strength giving portion 5 is co-extensive with the strip 2 on one side and both ends thereof and has its other side extended beyond the strip folded back upon itself as  
70 shown at 6 in Figs. 2 and 3, to a point 7 where it is fastened, to form a suitable joint-protecting lap 8. Superimposed upon this strength giving layer 5 and extending from  
the point 7 to the opposite edge of the roofing strip 2 and co-extensive with the  
75 length thereof, is a finishing layer 9 which may be composed of a composition similar to the body portion 4. This finishing portion extends slightly beyond the point 7  
80 upon the lap 8 as shown clearly in Figs. 2 and 3 so that any water or other matter upon the roof can not lodge at the point 7. This finishing layer 9 protects the strength giving  
portion 5 from the weather and affords an excellent surface for refinishing or painting  
85 the roof thus enabling a person to paint or refinish a roof of this character in very much less time and with very much less material than has ever been possible before.

In applying the roofing the edge of the  
90 strip having the joint protecting flap 8 is laid over the edge of the adjacent strip as seen in Figs. 2 and 3 and is pressed down to form a tight joint, the flap 8 meanwhile being turned back out of the way, and then a  
95 row of nails 10 are driven through the two overlapping edges of the adjacent strips 2 and into the roof 1 to secure the roofing thereto, after which the flap 8 is brought  
100 over the joint as shown in Fig. 3 and pressed



into place and a coat of paint or cement applied thereon to hold the same in place permanently, as will be readily understood.

Having thus fully described our invention, we claim:

1. A ready-made roofing in strips consisting of a base portion, a cement body portion secured thereupon, a strength giving portion superimposed upon and partly embedded in said body portion, a joint-protecting lap extending along one edge of said strip, and a finishing portion superimposed upon said strength giving portion and forming a surface for the application and retention of suitable refinishing material, substantially as described.

2. A ready-made roofing in strips consisting of a layer of plastic finishing and pro-

tecting material superimposed upon a suitable roofing strip and adapted to receive and retain a suitable refinishing material, substantially as described.

3. A ready-made roofing in strips consisting of a layer of suitable plastic finishing and protecting material superimposed upon a suitable roofing strip, said roofing strip being provided with a joint protecting lap and said finishing and protecting layer being adapted to receive and retain a suitable refinishing material, substantially as described.

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Witnesses.

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