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R. H. ROE

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FABRIC WALL COVERING

Filed May 27, 1929

Fig. 1.

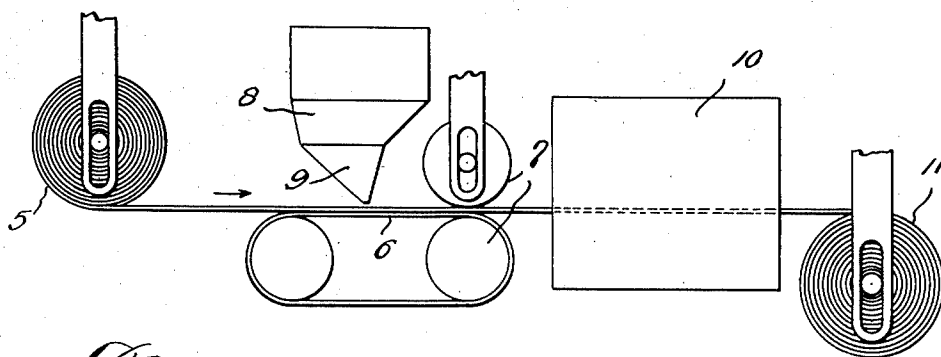
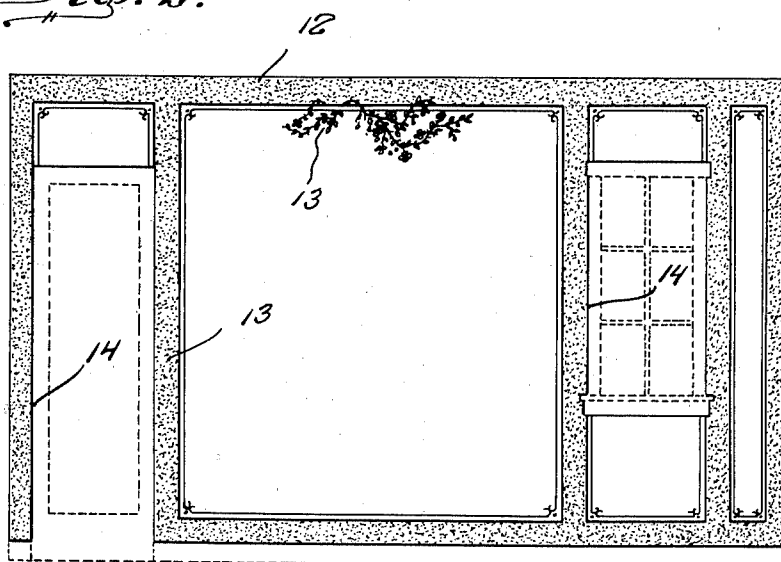


Fig. 2.



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FABRIC WALL COVERING

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This invention relates to fabric wall covering and to the process of making the same.

The primary object of my invention is to provide an inexpensive waterproof and oil-proof fabric wall covering adapted to be used in lieu of wall paper, paint, or the like, the covering being made in one piece in accordance with the measurements of the wall to be covered thereby, so as to eliminate the seams ordinarily provided when hanging wall paper, and being painted or decorated in the factory during manufacture so as to save considerable time as compared to that required in directly painting and decorating a wall by hand.

In the accompanying drawing,

Figure 1 is a diagrammatic side elevation of one arrangement of apparatus suitable for use in practicing the initial step of the process described herein; and

Figure 2 is an elevation of a wall covering sheet embodying the present invention, cut out to provide clearance for the window and door of a wall to which the sheet is to be applied.

In the production of the present wall covering, I preferably take a roll 5 of muslin cloth or like fabric and draw the same off onto a conveyor belt 6 and between pressure rolls 7. Just prior to passage of the strip of fabric between the pressure rolls a suitable water-proofing and oil-proofing filler composition, contained in a tank 8, is deposited upon the fabric strip by means of a suitable spreader 9, and when the sheet passes between the pressure rolls, the filler composition is pressed into the fabric strip so as to fill up the interstices between the threads and completely coat one surface of the cloth. The strip then passes through a drier 10 where the solvent of the composition is evaporated, and then the coated strip may be wound into a roll 11 for convenient handling when it is subsequently cut into sheets 12 of any desired length and painted and decorated as at 13 on the coated surface in any well known or preferred manner. The surface of the coating is smooth so that the painting and decorating thereof may be readily performed, and the resultant product is a relatively stiff and

5 durable wall covering sheet which may be readily secured to the wall by a suitable adhesive, the sheet being cut out as at 14 to provide clearance for doors or windows where desired. The width of the strips of cloth will correspond to the standard heights of the walls of rooms, and by cutting the strips into lengths corresponding to the lengths of different walls, the sheets will correspond in measurements to those of the walls to be covered so that the covering of each wall will be in one piece and entirely devoid of seams.

The water-proofing and oil-proofing composition may consist of linseed oil, beeswax, banana oil, and silica in suitable proportions which may be varied according to the weight and texture or weave of the cloth used.

From the above description it will be seen that the present wall covering may be cheaply and easily manufactured, and will provide a decorative and durable article of its kind capable of effectively fulfilling the object of the invention as set forth herein:

What I claim as new is:

A wall covering comprising a sheet of cloth fabric corresponding in measurements to those of the wall to be covered and having the interstices between the threads thereof filled and only one surface thereof completely coated by a water-proofing and oil-proofing filler composition comprising linseed oil, beeswax, banana oil and silica, the surface of said coating being painted to provide a decorative finish therefor.

In testimony whereof I affix my signature.

ROBERT H. ROE.