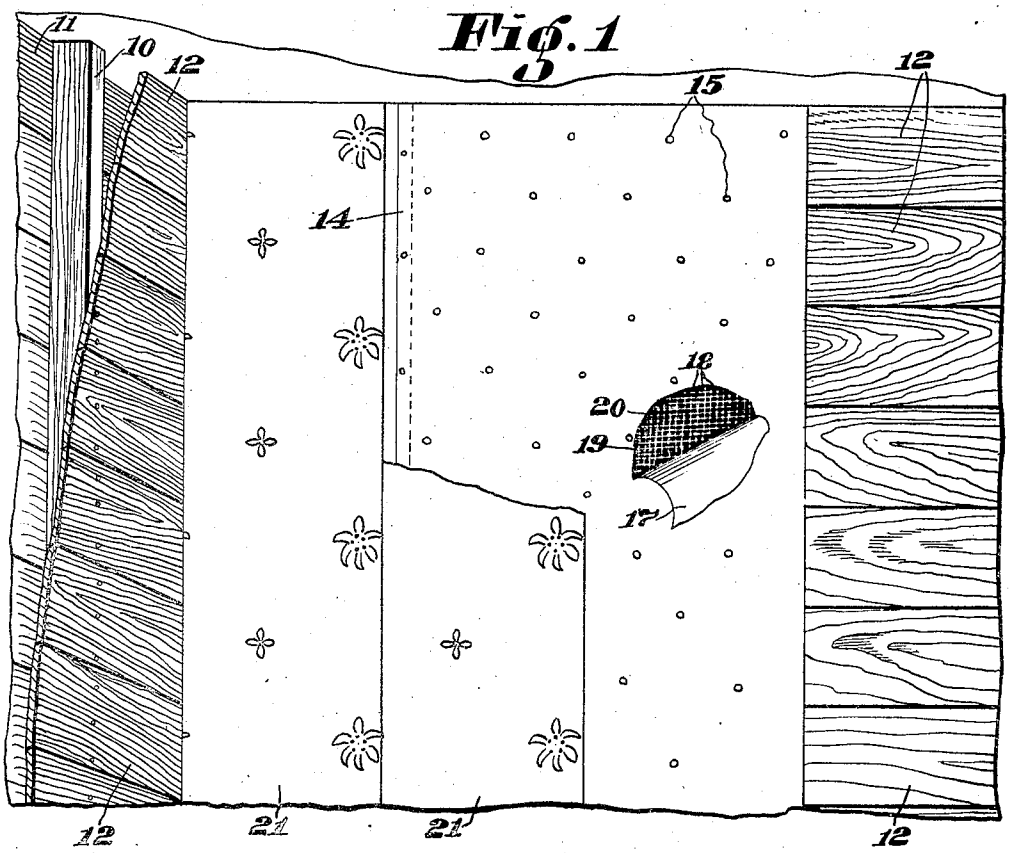
Nov. 1, 1932. L. N. WEBER 1,885,310

BASE FOR WALL PAPER

Filed March 16, 1931

Fig. 1



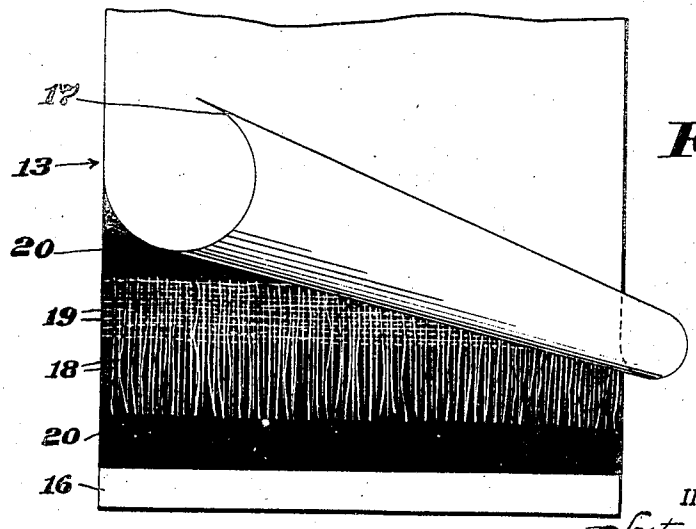


Fig. 2

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UNITED STATES PATENT OFFICE

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BASE FOR WALL PAPER

Application filed March 16, 1931. Serial No. 522,795.

This invention relates to a covering applied to the inner walls of a building to form a base for wall paper or other decorative material.

In certain types of inexpensive houses built in localities having a mild climate the interior of such houses are unplastered, and it has been the common practice heretofore to cover the sheathing or structure forming the inner walls of the building with a woven fabric so as to form a smooth base to which wall paper may be secured.

The use of cloth or woven fabric as a base for wall paper is open to the objection that it will not keep out the wind and moisture, and as a result the moisture in the air tends to soften the paste employed to secure the wall paper to the cloth and also tends to discolor the wall paper. Furthermore such prior construction permits an objectionable infiltration of the outside air which makes it difficult to maintain the interior of the house at a different temperature from that out doors. It is also difficult to apply wall paper over a cloth base in windy weather since the wind tends to displace the paper before it can be adhesively secured to the cloth base.

The present invention therefore contemplates a covering for the inner walls of a building which is moisture and wind proof and which forms a smooth base for wall paper or other ornamental materials for the walls.

The moisture and wind proof covering or wall paper base of the present invention is formed of reenforced waterproof paper. This covering may be directly secured to the sheathing or other inner wall structure and constitutes a strong, durable and inexpensive base over which the wall paper or other ornamenting material may be smoothly applied, and since neither moisture nor wind can penetrate through the covering or base the paste used to secure the wall paper to the base will not be affected by the moisture in the air outside the building, furthermore the infiltration of air through the walls of the building will be prevented.

A further advantage of the construction of the present invention resides in the fact that when the moisture in the paste used to secure the wall paper to the reenforced paper dries it contracts the reenforced paper so as to pull the paper base tight and causes the wall paper to be supported in a smooth finished condition.

The various features of the present invention will be further understood from the following description when read in connection with the accompanying drawing illustrating one good practical embodiment thereof.

In the drawing:—

Fig. 1 is a perspective view of the interior of a room; and

Fig. 2 is a face view of a sheet of reenforced water-proof paper having one layer of paper partly pulled back.

The construction of the present invention may be employed in connection with various buildings where it is desired to give a finished appearance to rooms having unplastered inner walls or ceilings.

The features of the present invention are illustrated in connection with a house or other building having the usual studs 10 to which the outer sheathing or clapboards 11 are secured, and to the inner face of the studs 10 is secured the inner wall structure or sheathing formed of the boards 12 or other suitable material.

It is frequently desirable to impart a pleasing finished appearance to the interior of the inexpensive type of building just described without going to the expense of plastering the inner walls of the building, but it is not practical to apply wall paper directly to the boards 12 since the paper will tend to tear at the cracks between the boards. It has therefore been proposed heretofore to cover the boards 12 with an inexpensive grade of cloth which will form a smooth base for the wall paper.

Houses constructed in the manner just described do not afford a great deal of protection from the temperature out doors due to the infiltration of air through the walls of the building, nor do they protect the wall paper from the dampness of the air out doors.

The present invention therefore contemplates a construction in which the inner wall

structure is covered with strips of reenforced water-proof paper 13. The strips of paper may be arranged either transversely or vertically but preferably the latter, and the adjacent edges of the strips 13 are preferably overlapped as shown at 14 and glued together to form a smooth tight joint.

The reenforced paper 13 is conveniently secured to the supporting wall structure 12 by the tacks 15. These tacks preferably have large heads and are placed sufficiently close together to hold the paper firmly in place.

While various forms of reenforced water-proof paper may be employed in carrying out the present invention, excellent results are secured through the employment of a two-ply reenforced paper having the construction best shown in Fig. 2, and consisting of the two sheets of paper 16 and 17 that are reenforced longitudinally and transversely by the straightened unspun fibres 18 and 19 which are adhesively secured between the sheets of paper with a water-proof adhesive 20 such as black asphaltum.

Due to the strong, tough nature of the reenforced water-proof paper 13 it may be satisfactorily applied over comparatively rough sheathing. Over the paper 13 may be applied ordinary wall paper 21 which may be secured to the paper 13 with standard wall paper paste without the use of sizing or other special preparation.

The water-proof reenforced covering or wall paper base 13 serves to protect the wall paper 21 from wind and moisture and will make the walls air tight so that a house constructed in accordance with the present invention will be much more comfortable to live in than the prior constructions above described.

The paste used in securing the wall paper 21 to the reenforced paper 13 will contract the latter as it dries, this will serve to increase the tension of the paper 13 so that it will support the wall paper in a straight smooth condition. If desired a coating of coloring matter may be applied direct to the base 13 in place of the wall paper or the base may be otherwise ornamented.

While the features of the present invention have been shown and described in connection with the walls of a building it will be apparent that the moisture-proof reenforced paper 13 may be similarly applied to ceilings as a base for wall paper.

What is claimed is:—

1. In a building having its inner walls formed of sheathing, a moisture and windproof covering for the sheathing, comprising a thin, flexible, multiply fabric formed of two sheets of paper secured together with a waterproof adhesive and reenforced with straightened filaments held between the sheets by the adhesive, means for securing said covering in a smooth, stretched condition to the face of the sheathing to form a wall paper base, and wall paper secured to the base of reenforced waterproof paper.

2. In a building provided with unplastered inner walls, a moisture and windproof covering for the walls, comprising a thin, flexible, multiply fabric formed of two sheets one at least of which is paper secured together with a waterproof adhesive and strengthened with reenforcing elements held between the sheets by the adhesive, and means for securing lengths of said multiply fabric in a smooth, stretched condition to said inner walls to form a base adapted to receive the decorative material forming the finished surface of the wall.

3. In a building provided with unplastered inner walls, a moisture and windproof covering for the walls, comprising a thin, flexible, multiply fabric formed of two sheets of paper secured together with a waterproof adhesive and strengthened with straightened unspun fibres embedded in the adhesive between the sheets, means for securing lengths of said multiply fabric in a smooth, stretched condition to said inner walls to form a wall paper base, and wall paper adhesively secured to the base of reenforced waterproof paper.

In testimony whereof, I have signed my name to this specification.

LESTER N. WEBER.