F. HUMMERT.

MEANS FOR COVERING WOODEN WALL STRUCTURES.

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1,426,872. Patented Aug. 22, 1922.

Fig. 1.

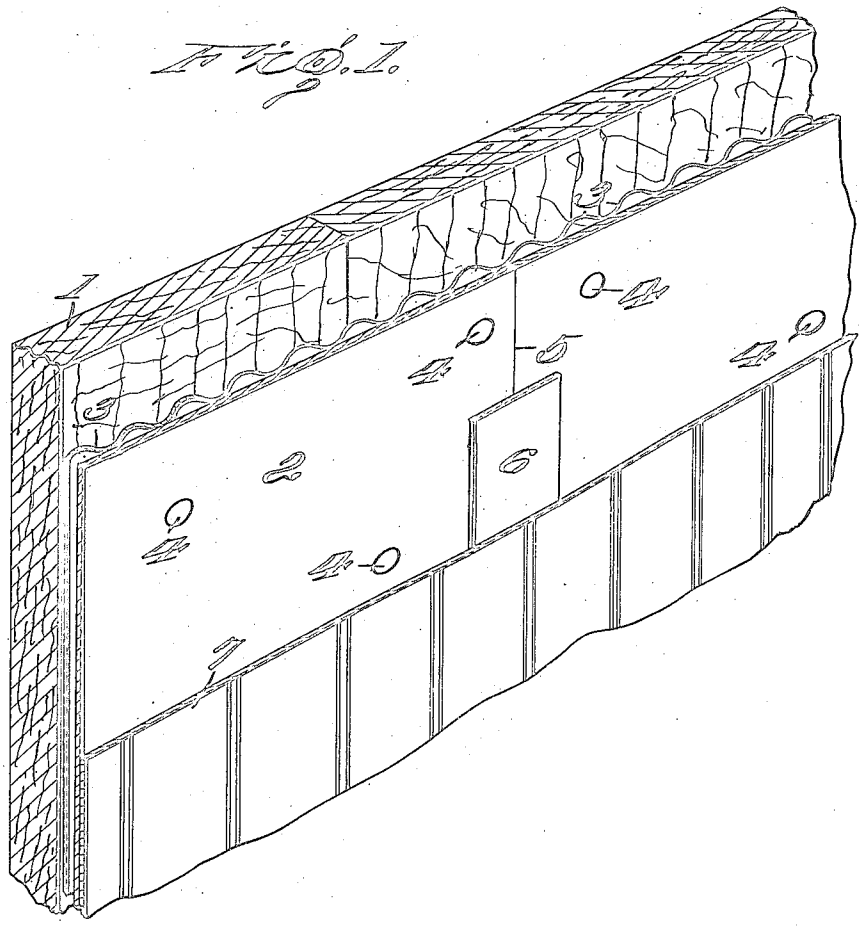
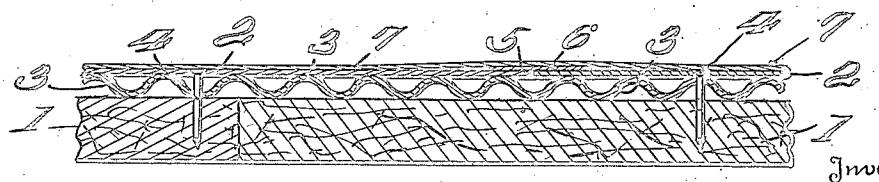


Fig. 2.



Inventor

Fred Hummert

By Stinebaugh & Mann, Attorneys

UNITED STATES PATENT OFFICE.

FRED HUMMERT, OF SAN ANTONIO, TEXAS.

MEANS FOR COVERING WOODEN WALL STRUCTURES.

1,426,872. Specification of Letters Patent. Patented Aug. 22, 1922.

Application filed September 29, 1919. Serial No. 327,034.

To all whom it may concern:

Be it known that I, FRED HUMMERT, a citizen of the United States, residing at San Antonio, in the county of Bexar, State of Texas, have invented certain new and useful Improvements in Means for Covering Wooden Wall Structures, of which the following is a description, reference being had to the accompanying drawing and to the figures of reference marked thereon.

This invention relates to wall coverings for wooden sheathing or other wooden wall structures, and more particularly to coverings adapted to receive wall paper or other ornamentation.

The object of the invention is to provide a covering of the above character composed of corrugated paper and so applied to the structure as to effectually prevent the surface of the wall paper being deformed as a result of warping of the wood.

A further object of the invention is to provide a foundation for wall paper or other ornamentation, adapted to be attached to sheathing or other wooden wall structure, which is partially soundproof, waterproof and fireproof.

A still further object of the invention is to provide a covering of the character described having a smooth finish and a perfect surface for papering or painting, which is simple in construction, strong and durable, and which will exclude the cold and moisture.

Another object of the invention is to disclose the process for so covering sheathing or other wooden wall structure.

These and other objects will in part be obvious and will in part be hereinafter more fully disclosed.

In the drawings, which show by way of illustration one embodiment of the invention:—

Figure 1 is an elevation, with parts broken away, showing the members of this covering; and

Fig. 2 is a detail sectional view.

In general, the invention contemplates a process and means for providing a covering for wooden sheathing or wall structures adapted to receive wall paper or other ornamentation, comprising sections of corrugated paper which may be chemically treated to render them waterproof and fireproof, the sections of this corrugated paper being attached to the face of the sheathing by means of glue or other adhering substances, and additionally held in place by tacks or equivalent fastening means. The corrugations of the paper sections are arranged parallel to the grain of the wood, and the abutting edges are covered in any suitable manner, as by strips, providing a uniformly smooth surface. This facing may be covered in the usual manner by wall paper or may be painted or provided with other suitable ornamentation.

Referring more particularly to the drawings, the wooden wall structure or sheathing 1 is first sized with a glue or heavy paste, the strips of corrugated paper 2, with their corrugations 3 arranged parallel to the grain of the wood, are then applied while the glue or other substance is still wet. By this means, the corrugated paper 2 is held firmly and smoothly in place so that a suitable number of tacks 4 or equivalent fastening means may be used to more securely fasten the corrugated paper to the sheathing or wall structure. As shown clearly in the drawings, the meeting edges 5 of the corrugated sections have their joining edges covered by thin strips of paper 6 to render the joint therebetween unnoticeable. It is evident that other means may be used for accomplishing this same result. If desired, the covering may be papered with the ordinary wall paper 7, or may be painted or otherwise ornamented.

It is evident that a facing of the above character is extremely simple and an economical covering for wooden wall structures, and it has been found that by arranging the corrugations of the paper parallel to the grain of the wood, the surface warping of the wood due to dampness entering the grain of the wood will not affect the facing as the corrugations 3 automatically take up the distortion so that the outer surface of the corrugated paper retains its smoothness. It is also apparent that by chemically or otherwise treating the corrugated paper, it may be rendered partially waterproof and fireproof, and due to its own inherent qualities it is in a measure soundproof.

It is obvious that minor changes in the details of construction and the arrangement of the parts may be made without departing from the spirit of the invention as set forth in the appended claims.

Having thus described the invention, what I claim as new and desire to secure by Letters-Patent is:—

1. A facing for sheathing and the like comprising a layer of corrugated paper attached to said sheathing with the corrugations of said paper running substantially parallel with the grain of the sheathing, and a layer of flat paper attached to said corrugated paper constituting a wall facing adapted to receive wall paper or other ornamentation.

2. A paper substitute for a lath and plaster construction comprising sheathing or the like, a layer of corrugated paper attached thereto with the corrugations extending substantially parallel with the grain of the sheathing, and a layer of flat paper attached to said corrugated paper to constitute a wall facing adapted to be ornamented.

3. A facing for sheathing and the like adapted to receive wall paper or other ornamentation, comprising sections of corrugated paper with edges abutting attached to and forming a facing for said sheathing, the corrugations of said paper running substantially parallel with the grain of the sheathing, and a covering of wall paper or the like attached to said corrugated paper.

In testimony whereof, I affix my signature.

FRED HUMMERT.