

E. D. BENNETT.
REINFORCED PAPER BOARD.
APPLICATION FILED APR. 14, 1911.

1,014,996.

Patented Jan. 16, 1912.

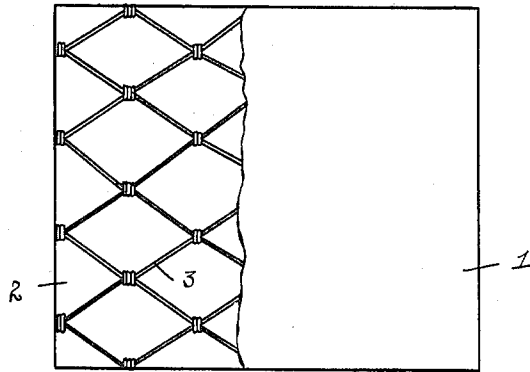


Fig 1

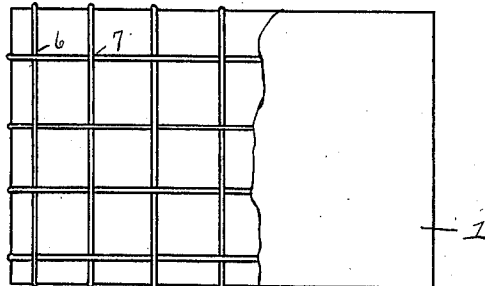


Fig 2

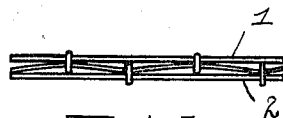


Fig 3



Fig 4

WITNESSES:

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REINFORCED PAPER-BOARD.

1,014,996.

Specification of Letters Patent. Patented Jan. 16, 1912.

Application filed April 14, 1911. Serial No. 621,065.

To all whom it may concern:

Be it known that I, EDWARD D. BENNETT, a citizen of the United States, residing at Pulaski, in the county of Oswego and State of New York, have invented certain new and useful Improvements in Reinforced Paper-Board, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to a reinforced paper board, and I declare the following to be a clear, concise, full, and exact description thereof, sufficient to enable anyone skilled in the art to which it appertains, to make and use the same, reference being had to the accompanying drawings in which like reference characters refer to like parts throughout the specification.

The object of the invention is to produce a material for use more particularly in building and constructing purposes. Said material is adapted for making partitions, especially in cottages at summer resorts, where the desirability for cheapness and lightness of material employed, is apparent. Same may be also available in constructing portable structures in the nature of tents, shacks, and other similar constructions for camping purposes, boat houses, and also for temporary houses situate in an inaccessible location.

The material itself comprises two sheets of paper each treated with water-proofing chemicals, preferably on either side of each sheet, and intermediately of said pieces of paper there is disposed a wire netting of any suitable kind. Said wire netting is shown in one instance as having its ends bent back to form supports for the edge of the paper. The said layers of paper and netting are properly held together preferably by a water-proof glue or cement, in a manner whereby the material, or product thus formed, has a sufficient stiffness to render same non-pliable.

In the drawings Figure 1 is a plan view of a portion of the material showing one side or sheet torn away in order to expose the wire netting in between the sheets of paper; Fig. 2 is a similar view, showing a modification of the netting; Fig. 3 is an end view

of Fig. 2; Fig. 4 is a fragmentary view in perspective showing more particularly in detail the bending back of the wire netting to support the edge of the paper.

Referring more particularly to the drawings, the material comprises sheets of paper 1 and 2 between which is disposed any suitable wire netting as 3. Paper 1 and 2 is first treated on either side thereof with a water-proofing substance which permeates the paper. Said sheets of paper 1 and 2, and said wire netting 3 are held together in the manner heretofore described, by a glue which is also treated so as to be water-proof. However, a water-proof cement may be employed instead of the glue.

In Fig. 2 the wire netting is shown somewhat of different construction, than that shown in Fig. 1. Here the wires cross each other first under and then over as at 6 and 7 etc. The ends are bent back as at 5 whereby to strengthen the edge of said paper. Every other end may be bent in alternate directions whereby both sheets of paper may be strengthened along its edge, as shown in full lines in Fig. 3.

The material thus described can be constructed or manufactured to be of a very light weight and will retain a sufficient amount of stiffness to be serviceable for the employment heretofore mentioned. The material has been found particularly adaptable for the building of colony houses for hens. Other uses might be mentioned.

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

1. In a material of the character described, a plurality of sheets of paper permeated with a water-proof chemical, a wire netting with the ends of its constituent wires free interposed between successive sheets of said paper, whereby to render the product non-pliable, a water proof glue for holding the paper and netting together, and the ends of said wire netting bent over the edges of the paper alternately to support the edges of the same, substantially as described.

2. In a material of the character described, a plurality of sheets of paper permeated with a water-proof chemical, a wire netting

with the ends of its constituent wires free disposed between successive sheets of said paper, whereby to render the product non-pliable, and the ends of said wire netting bent back over the edges of the paper alternately to support the edges of the same, substantially as described.

In testimony whereof I have hereunto affixed my signature in the presence of two witnesses.

EDWARD D. BENNETT.

Witnesses:

THOS. F. McBRIDE,

T. L. WILDER.