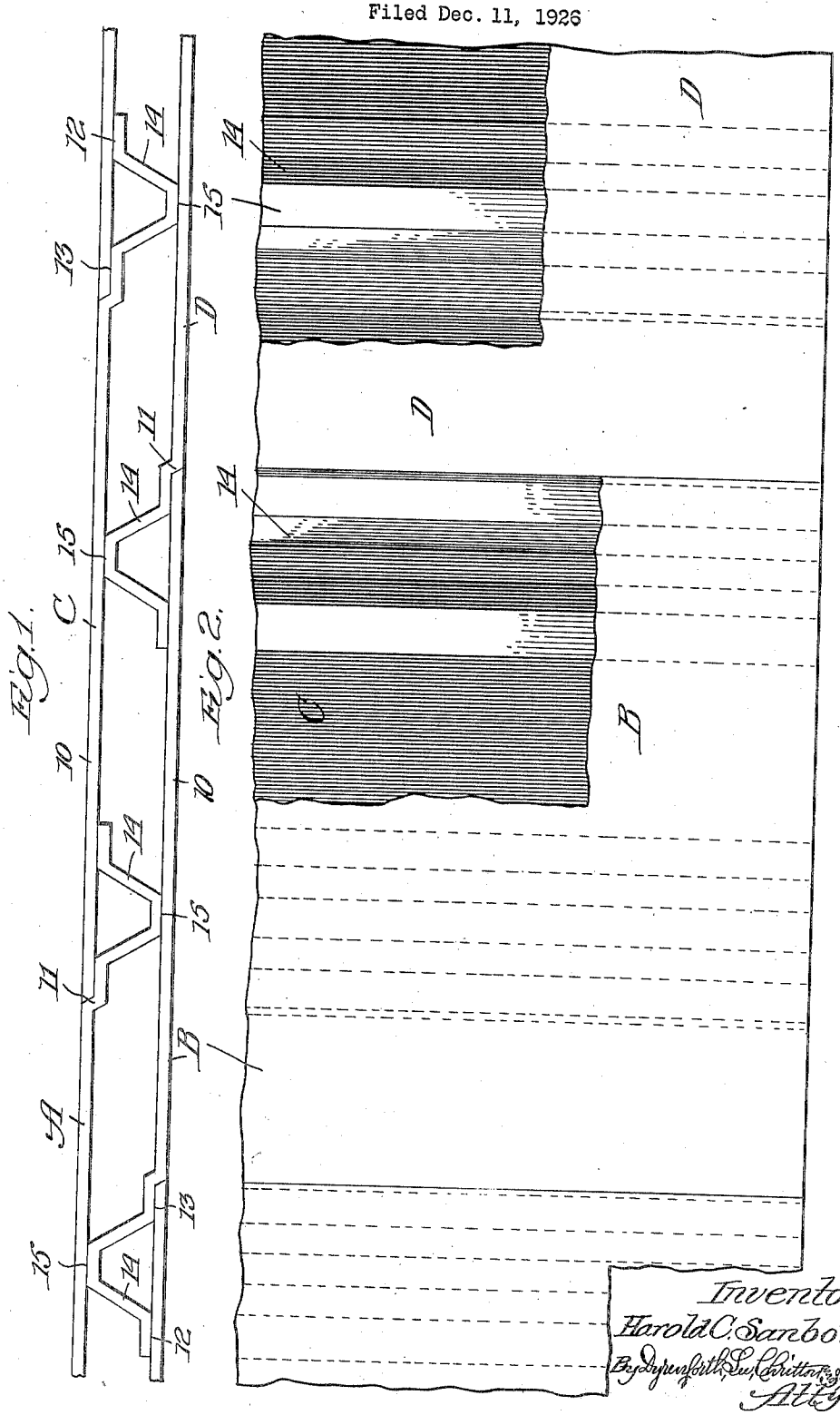
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WALL BOARD

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UNITED STATES PATENT OFFICE.

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WALL BOARD.

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This invention relates to wall board and is particularly adapted to be used for making walls, partitions and the like, and is fully described in the following specification and shown in the accompanying drawing, in which:

Figure 1 is an edge view of a wall made up of wall board strips embodying the invention; and

Fig. 2 is a front elevation of the same showing the front strips partly cut away at two points to show the structure of the separating portions or projections.

The embodiment illustrated shows a wall built up of a plurality of similar wall board strips or sections placed in overlapping relation so as to present a uniformly smooth exterior. This wall is made up of a series of units A, B, C, D, etc., which are substantially identical in cross-section, each having a thin flat portion 10 preferably being beveled at one edge 11. The other margin of the strip is depressed at 12, 13 to a depth substantially equal to the thickness of the strip 10 so that when the next adjacent strip is laid over these depressed portions the outer surface of the two adjacent strips will lie in substantially the same plane.

A longitudinally extending trough-like portion or projection 14 extends throughout the length of the strip and has a bottom face 15 which bears upon the underside of the oppositely situated wall board strip so as to space these two opposite strips from each other.

Since the projections 14 are all of the same height and the wall board strips to be used together are all of the same thickness, the wall or partition will be of substantially the same thickness throughout.

This arrangement provides a wall board which may be called a "self-studding" partition since the projections 14 serve the purpose of studding, in separating the flat portions 10 and in giving stiffness to the wall as a whole.

The overlapping margins of the portions 10 may be secured to the portions 12 and 13 by nailing, cementing and the like, and the same is true of the center portion of each sheet which may likewise be secured to the trough-like portions 14. These strips are preferably made of substantially the same thickness throughout and may be made in any suitable manner, from any of the materials from which it is customary to make the straight flat forms of wall board such as ground wood fiber, straw board, gypsum and the like alone or retained between paper faces. They may also be made of sheet metal. The latter may be used for other purposes as the walls of refrigerators and the like.

Owing to the fact that these strips are all similar, it is possible to place one over the other so that the longitudinal trough-like projection on one will lie within the similar projection on the other, so that they mutually support and protect each other and are thus in a sense "nested" so that they occupy less space in a warehouse and in shipping. Also sections all facing the same way may be used to cover an old wall, the portions 15 being nailed or cemented to it.

This wall board strip lends itself readily to manufacture in quantities and at a cost which is only slightly in excess for that required for the products of the well known flat wall board.

Thus it will be seen that I have provided a very unique form of wall board and one which has many structural and commercial advantages.

While I have shown and described but a single embodiment of this invention, it is to be understood that it is capable of many modifications. Changes therefore in the construction and arrangement may be made which do not depart from the spirit and scope of the invention as disclosed in the appended claims.

I claim:

1. A strip of wall board having a thin main portion bounded by two parallel planes, parallel edges on said strip, one of said sides being depressed the depth of said strip so as to receive the other side of the next strip in overlapping relation, and means on said strips for spacing two of said strips when placed back to back.

2. A strip for wall board having a thin main portion bounded by two parallel planes, parallel edges on said strip, one of said sides being depressed the depth of said strip so as to receive the other side of the next strip in overlapping relation, and projections on said strips for spacing two of said strips when placed back to back.

3. A strip of wall board having a thin main portion bounded by two parallel planes, parallel edges on said strip, one of said sides being depressed the depth of said

strip so as to receive the other side of the next strip in overlapping relation, and a longitudinally extending projection on the back of each of said strips for spacing two of said strips when placed back to back.

4. A strip of wall board having a thin main portion bounded by two parallel planes, parallel edges on said strip, one of said sides being depressed the depth of said strip so as to receive the other side of the next strip in overlapping relation, and a longitudinally extending projection on the back of each of said strips for spacing two of said strips when placed back to back, said strips being of substantially the same thickness throughout.

5. A strip of wall board having a thin main portion bounded by two parallel planes, parallel edges on said strip, one of said sides being depressed the depth of said strip so as to receive the other side of the next strip in overlapping relation, and a trough-like projection lying parallel to one edge and in the depressed portion so as to space two of said strips when placed back to back, the flat edge of one sheet covering the projection on the other.

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