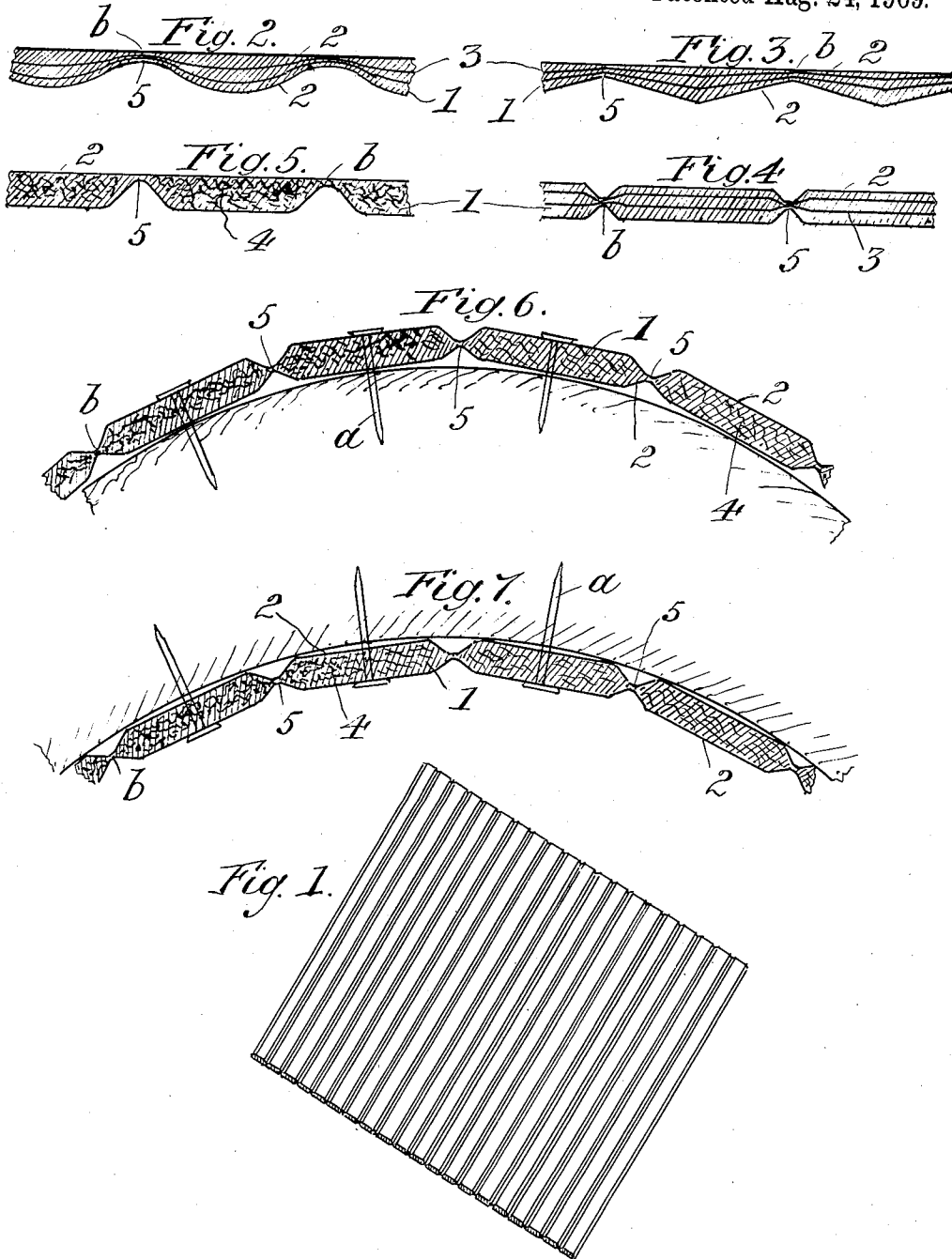


T. C. KENNEDY.
PLASTER BOARD.
APPLICATION FILED JULY 16, 1908.

932,141.

Patented Aug. 24, 1909.



WITNESSES:

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UNITED STATES PATENT OFFICE.

THOMAS C. KENNEDY, OF BALTIMORE, MARYLAND.

PLASTER-BOARD.

932,141.

Specification of Letters Patent.

Patented Aug. 24, 1909.

Application filed July 16, 1908. Serial No. 443,759.

To all whom it may concern:

Be it known that I, THOMAS C. KENNEDY, of the city of Baltimore and State of Maryland, have invented certain Improvements in Plaster-Boards, of which the following is a specification.

This invention relates to an improved plaster board to be used in place of ordinary wood lathing; and it consists in a peculiar construction of the board whereby the same is strengthened or reinforced, and adapted for application to curved surfaces, as will hereinafter fully appear.

In the further description of the said invention which follows reference is made to the accompanying drawing forming a part hereof, and in which,—

Figure 1 is an isometric view of the improved plaster board. Figs. 2, 3, 4 and 5 are enlarged transverse sections of Fig. 1 illustrating various constructions of the plaster board. Fig. 6 shows the improved plaster board as applied to a convex surface, and Fig. 7 the same as applied to a concave surface.

The plaster board is formed of a body of plaster 1 the sides of which are covered and protected by sheets 2 of felt, burlap, strong paper, or some wove material; and between the said sheets the body of plaster is reinforced or strengthened by the incorporation therewith of sheets 3 of material similar to the enveloping sheets 2 as shown in Figs. 2, 3 and 4; or by a loose body 4 of hair, wood fiber, asbestos or some analogous substance, as shown in Figs. 5, 6 and 7.

In either construction the reinforcing material is thoroughly incorporated with the plaster, so that the board throughout is of practically uniform texture, except that at

proper distances apart it is provided with grooves or channels 5 in the formation of which, the plaster is virtually or in effect driven out, and the covering sheets, or the same together with the reinforcing material, brought together in order that at such places the board can be bent and applied to curved surfaces to which it is held by nails *a* as shown in Figs. 6 and 7, without breaking the intervening rigid portions of the board.

In Figs. 2, 3 and 5 the channels are on one side only of the board, the other side being flat, while in Figs. 4, 6 and 7 the board is channeled on both sides with the bendable parts *b* practically midway between the surfaces of the rigid portions.

I am aware that broadly, the reinforcement of plaster boards is not new, but I am not aware that the reinforcing materials have been distributed throughout the entire substance of the plaster in the rigid parts of the board, and compacted practically without plaster where the board has to be bent to adapt it for application to curved surfaces.

I therefore claim as my invention:—

A channeled plaster board adapted for application to curved surfaces, which consists of a body of plaster having distributed throughout, reinforcing material having elements or fibers which are separated by the surrounding plaster except at the channels where the elements of the reinforcing material are brought together and the plaster practically excluded, substantially as specified.

THOMAS C. KENNEDY.

Witnesses:

THOMAS G. HULL,
WM. T. HOWARD.