Jan. 27, 1942. T. T. YOUNGFELT ET AL 2,271,470

BUILDING BOARD BUNDLE

Filed Dec. 31, 1938

Fig. 1

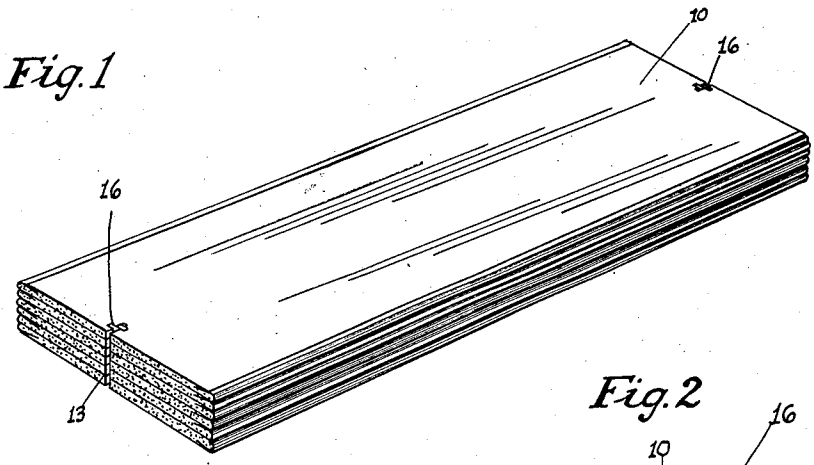


Fig. 2

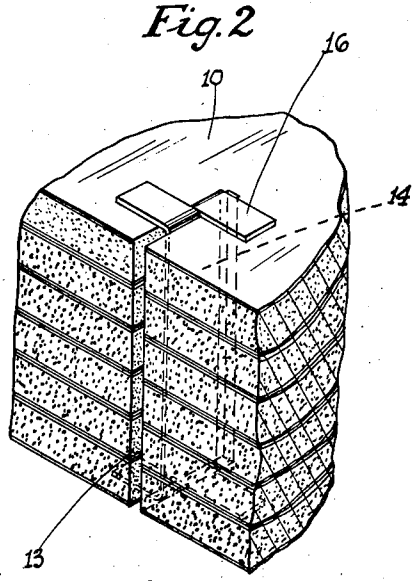


Fig. 3

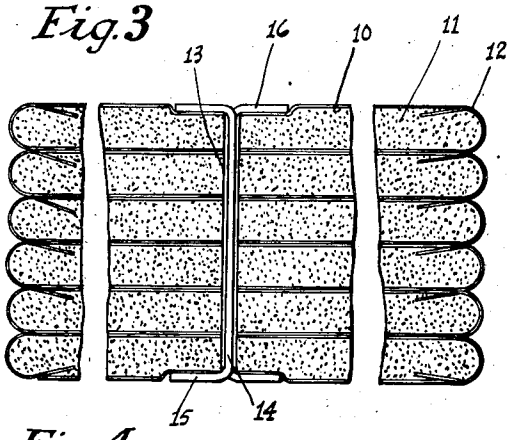
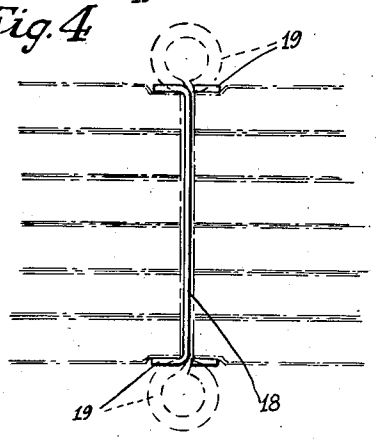


Fig. 4



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BUILDING BOARD BUNDLE

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Application December 31, 1938, Serial No. 248,796

3 Claims. (Cl. 206—60)

This invention relates to bundling methods and devices for building boards and especially for plaster boards adapted to receive a coating of plaster after erection.

For shipping plaster boards, it has been customary to form the boards into bundles with edge strips of paper holding the boards together in bundle form, as shown in Birdsey Patent No. 1,696,877. These edge strips of paper are adhesively united to the exposed faces of the outer boards of the bundle and are somewhat difficult to separate on the job. Furthermore the paper strips are rather expensive to use.

An object of the invention therefore, is to provide a bundling device for building boards which will be low in cost.

Another object of the invention is to provide a bundling method and device which will permit the boards to be easily disassembled and leave no objectionable marks on the faces of the outer boards; also to improve bundling methods and devices in other respects hereinafter specified and claimed.

Reference is to be had to the accompanying drawing forming a part of this specification, in which

Fig. 1 is a perspective view of our improved bundle,

Fig. 2 is a perspective fragmentary view of a bundling device,

Fig. 3 is an end elevation of a bundle, and

Fig. 4 is an elevation of a modified form of bundling device.

Plaster boards 10 are generally prepared with a gypsum plaster core 11 and paper cover sheets 12. Several of these boards 10, such as six in number, are arranged in face abutting relation with their edges in alignment to form a bundle. A transverse cut 13 is then made in each side of the bundle either the end or edge, said cut being made with a saw not shown or other convenient tool. A metallic bundling strip 14 is then inserted into the saw cut 13. The ends of strip 14 are split to provide two transverse flanges 15 at one end which may be preformed, and two transverse flanges 16 at the other end which may be formed at the time the bundle is assembled. The bundle of boards 10 is preferably held under compression at the time of bundling so that when the compressive force is released the flanges 15 and 16 sink into the exposed faces of the outer boards of the bundle so as not to mar the face of an adjoining bundle when several bundles are arranged in a stack. In the modified form of construction shown in Fig. 4, we use a wire tie 18 as a bundling device, this wire having a loop 19 at each end which is bent down into the plane of the boards at the time of bundling.

We would state in conclusion that, while the examples illustrated constitute practical embodiments of our invention, we do not wish to limit ourselves precisely to these details, since manifestly the same may be considerably varied without departing from the spirit of the invention as defined in the appended claims.

Having thus described our invention, we claim as new and desire to secure by Letters Patent:

1. In a building board bundle, a plurality of rigid similar building boards in stacked face-to-face relation and ends and edges in substantial alignment, said boards having registering transverse slots extending inwardly from opposed sides, and a rigid tie engaging in the slots at each side of said board bundle to firmly maintain said boards in bundle form, said tie member having transverse end flanges engaging and countersunk in the outer surface of the outer boards to hold the boards together in bundle form, the outer surfaces of said flanges being in the plane of the outer surface of the respective outer boards.

2. In a building board bundle, a plurality of rigid similar building boards in stacked face-to-face relation and edges and ends in substantial alignment, said boards having registering transverse slots extending inwardly from opposed sides, strips of wire engaging in the slots, and loops on the ends of said strips bent into the plane of and countersunk in the outer faces of the outer boards of said bundle to maintain said boards in bundle form, the outer surfaces of said loops being in the plane of the outer surface of the respective outer boards.

3. In a gypsum board bundle, a plurality of gypsum composition boards in stacked face-to-face relation and edges in substantial alignment, said boards having a registering transverse slot in opposed sides, strips of metal engaging in the slots, the ends of said strips being split and transversely bent to form opposed flanges biting into the face of the bundle to form tying means for maintaining said boards in bundle form, no part of said tying means extending beyond the faces of said bundle.

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