

C. D. JENNINGS.
 LINING OR BACK PLASTER FOR BUILDINGS.
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960,554.

Patented June 7, 1910.

Fig. 1.

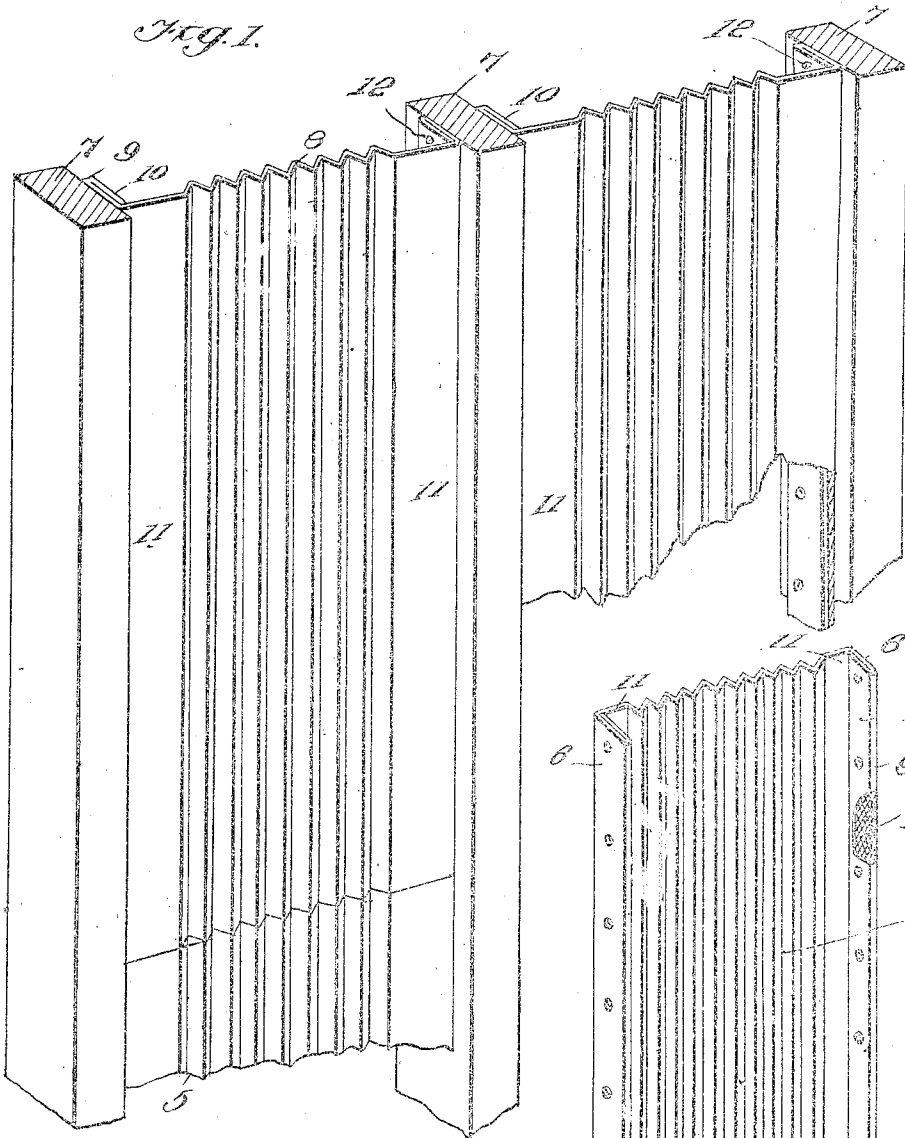
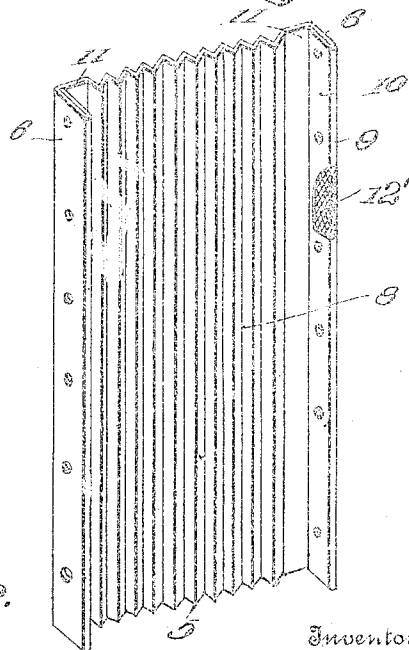


Fig. 2.



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UNITED STATES PATENT OFFICE.

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LINING OR BACK PLASTER FOR BUILDINGS.

960,554.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES D. JENNINGS, citizen of the United States, residing at St. Joseph, in the county of Berrien and State of Michigan, have invented certain new and useful improvements in Linings or Back Plaster for Buildings, of which the following is a specification.

This invention relates to building construction and more particularly to a backing or lining for walls, floors, partitions and the like.

The object of the invention is to provide a corrugated paper slab adapted to be attached to the vertical studs of a building, either on the outside thereof under the sheathing, or on the inside of the building under the laths for the purpose of excluding drafts and also to form a backing for the plaster.

A further object is to provide a paper slab having reinforced attaching flanges so that the slabs may be secured to the vertical studs of a wall or to the joists of a floor without the employment of cleats or similar fastening devices.

A still further object of the invention is generally to improve this class of devices so as to increase their utility, durability and efficiency.

Further objects and advantages will appear in the following description, it being understood that various changes in form, proportions and minor details of construction may be resorted to within the scope of the appended claim.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction and the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of the paper slab constructed in accordance with my invention; showing the same in position on the vertical studs of a building, Fig. 2 is a perspective view of one of the slabs detached.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The backing or lining forming the subject matter of the present invention comprises a substantially rectangular slab formed of paper, felt-board or other suit-

able material and having its opposite longitudinal edges bent laterally to form angularly disposed attaching flanges 6 adapted to bear against the vertical studs 7 of a building, either on the outside thereof beneath the sheathing, or on the inside of the building beneath the laths for the purpose of excluding drafts and also to form a backing for the plaster.

The intermediate portion of the slab 5 is provided with a series of longitudinally disposed corrugations 8, preferably extending throughout the entire length of the slab, and which not only serve to reinforce and strengthen the latter, but also permit the slab to be expanded laterally when the studs are spaced at different distances apart.

The free ends of the flanges 6 are bent upon themselves at 9 and extended inwardly against the inner faces of the flanges 6 to form reinforcing strips 10, the longitudinal edges of which bear against the smooth unobstructed portions 11 of the slab, as shown.

By making the attaching flanges in the manner set forth, the slabs may be readily secured to the studs of a wall or to the joists of a floor with ordinary nails 12 without danger of tearing or otherwise mutilating the slab, thus dispensing with the usual cleats employed for this purpose.

It will here be noted that the slabs are positioned between the studs 7 with the bent portions 9 of the flanges 6 spaced inwardly from the outer faces of the studs so as not to interfere with the sheathing when the slabs are used on the outside of a wall, or with the attachment of the laths when the slabs are used as a backing for the plaster.

When the device is used as a backing or lining for floors, the slabs are attached to the joists with the flanges 6 bearing against the inner faces thereof, said slabs not only serving to prevent the entrance of drafts, but also serving to deaden the sound.

The slabs are constructed from a single piece of paper or other material and are so formed that the same may be compactly nested for transportation or shipment.

The attaching flanges 6 are preferably reinforced and stiffened by strips of wire, tape, cord or other suitable material 12 placed between the flanges 6 and members 10 as shown, thus to give the desired rigidity to said attaching flanges and prevent the securing of the slabs from tearing the paper when the slabs are positioned on the vertical studs.

Having thus described the invention, what is claimed as new is:

As a new article of manufacture, a slab comprising a longitudinally corrugated body portion having its opposite edges bent laterally to produce angularly disposed attaching flanges, the free edges of which are bent inwardly in contact with the body of the slab to form parallel strips, and reinforcing

members interposed between the flanges and 10 parallel strips.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES D. JENNINGS. [L. S.]

Witnesses:

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