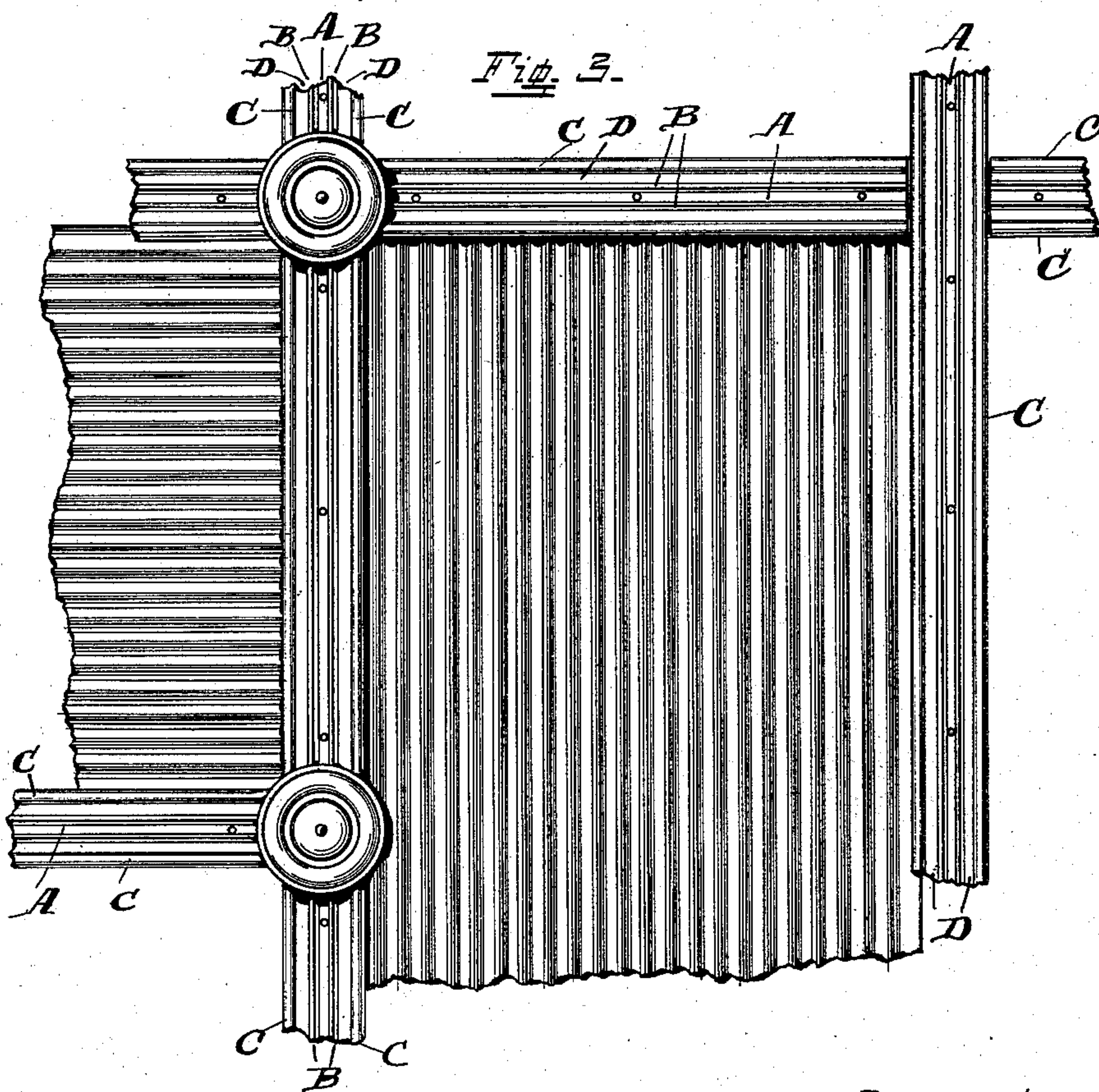
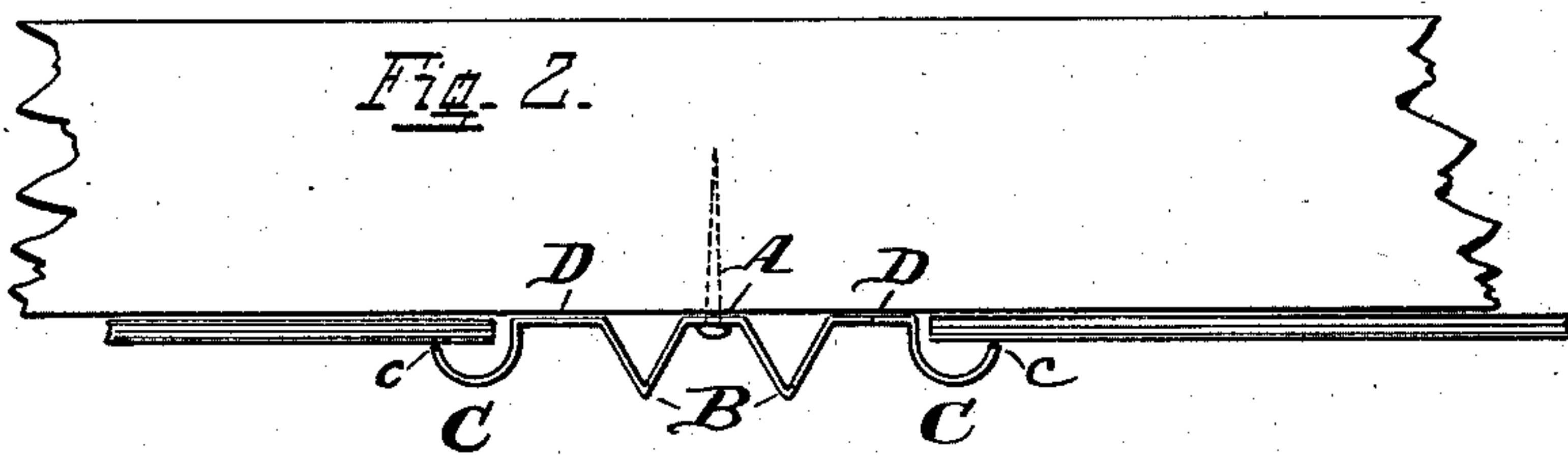
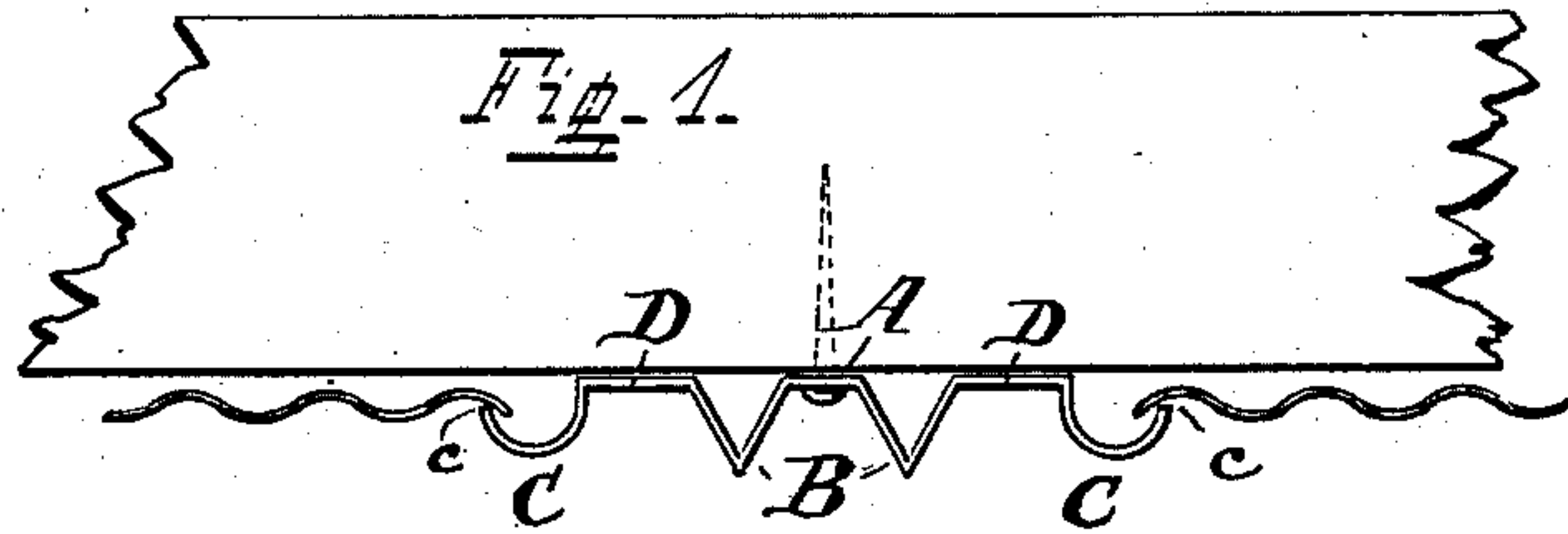


(No Model.)

L. L. SAGENDORPH.
METALLIC MOLDING STRIP.

No. 407,694.

Patented July 23, 1889.



Attest
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Inventor
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By

UNITED STATES PATENT OFFICE.

LONGLEY LEWIS SAGENDORPH, OF CINCINNATI, OHIO, ASSIGNOR OF ONE-HALF TO CHARLES N. HARDER, OF PHILMONT, NEW YORK.

METALLIC MOLDING-STRIP.

SPECIFICATION forming part of Letters Patent No. 407,694, dated July 23, 1889.

Application filed April 1, 1889. Serial No. 305,587. (No model.)

To all whom it may concern:

Be it known that I, LONGLEY LEWIS SAGENDORPH, a citizen of the United States, residing at Cincinnati, in the county of Hamilton, State of Ohio, have invented certain
5 Improvements in Metallic Molding-Strips, of which the following is a specification, reference being had to the accompanying drawings.

10 The object of my invention is to construct a metallic molding-strip in such a manner that the inclosed ceiling-plate will be held to place therein without the use of cleats, nails, or other fastening mechanism, and also to
15 permit of expansion and contraction without danger of becoming loosened.

In the accompanying drawings, Figure 1 is an end view of preferred form of molding, showing a portion of the sides of two ceiling-
20 plates in position therein. Fig. 2 is an end view, similar to Fig. 1, showing the application of the ends of a portion of two ceiling-plates in said molding. Fig. 3 is a bottom view looking toward the ceiling of the end
25 portion of one panel, showing the application of my improved molding-strip to the sides and ends of the ceiling-plates.

As preferably constructed, my improved molding-strip consists of a strip of suitable
30 metal crimped or corrugated longitudinally at each side of the central nailing portion A, and in such a manner as to form circular upturned flanges c, upon which the ceiling-plates rest when in position. At each side of
35 the central nailing portion A is formed the V-shaped corrugations B, the outer edges of the molding terminating in the circular corrugations C, said corrugations B C being separated by a flat portion D on a plane with
40 the nailing portion A. The outer upturned portions c of the corrugations C terminate below the plane of the portions A D in order to permit the sides or ends of the ceiling-plate to enter between the top of said up-
45 turned portions c of the corrugations C and the joist or sheeting, said sheet of ceiling resting upon said upturned portions c of the molding.

The object, as aforesaid, is to provide a
50 molding-strip which will support the ceiling-plate in proper place without driving any

nails or screws into said plate, and also to allow for expansion or contraction of said plate.

By means of the aforescribed construc- 55
tion my improved molding-strip will admit of these objects being accomplished, as the molding will spring slightly at either side of the central nailing portion by reason of the
60 V-shaped corrugations at each side thereof. The corrugations C at the outer edges of the molding will also assist in permitting the latter to accommodate any expansion or warp-
65 ing of the plate, but not enough to allow the plate to warp out of place. The construction is such as to present a pleasing effect to the eye and provide an ornamental border for the ceiling-plates.

The molding can be nailed to the joist or to the sheeting, if the ceiling is first sheeted. 70
It may also be nailed over old plastering, if desired, and the ceiling-plates put to place. The joints formed by intersecting strips of molding may be covered with a suitable metallic rosette, as shown, which will also assist
75 in ornamenting the ceiling.

The advantages of my improved metallic molding-strip consist in its simplicity of construction and in the facility afforded for retaining the ceiling-plate in position therein 80
without nailing said plate, and also in its adjustability to any expansion or warping and contraction of the plate. It can be manufactured and shipped in a compact form in large
85 quantities ready for use. After the ceiling is to place and the plates and molding properly painted, the heads of the nails between the V-shaped corrugations will not be visible, and the whole will present a neat and finished
90 appearance.

Another material advantage is attained by having the outer edges of the strip circularly corrugated, in that more elasticity is attained than if they terminated in a rectangular form, for the reason that the metal will give or
95 spring at all points around said corrugations, while if made in a rectangular form the metal will give or spring only at the angles formed.

If desired, the V-shaped corrugations B may be dispensed with, as the circular corrugations 100
C, as aforesaid, will permit the sides of the molding to spring or give to accommodate any

expansion or contraction of the sheet; but it is preferred to use both the V-shaped and circular corrugations to better insure its successful operation.

5 What I claim as new, and desire to secure by Letters Patent, is—

A metallic molding-strip having the longitudinal V-shaped corrugations B, extending downward at each side of the nailing portion

A, the outer edges of said molding having the circular corrugations C, the top of the upturned portions c being below the plane of the central nailing portion A, as and for the purposes set forth.

LONGLEY LEWIS SAGENDORPH.

Witnesses:

ED. STREHLI,
E. S. HAVENS.