

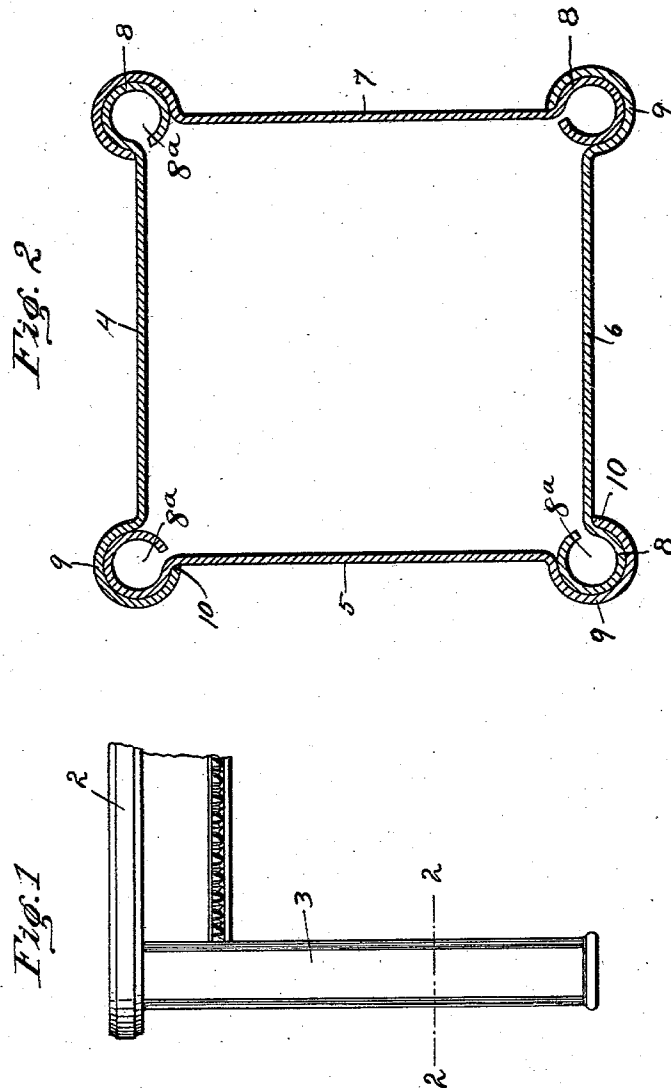
No. 758,331.

PATENTED APR. 26, 1904.

E. OHNSTRAND.
METALLIC COLUMN.

APPLICATION FILED FEB. 20, 1903.

NO MODEL.



Witnesses.
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UNITED STATES PATENT OFFICE.

ENOCH OHNSTRAND, OF JAMESTOWN, NEW YORK, ASSIGNOR TO ART METAL CONSTRUCTION COMPANY, OF JAMESTOWN, NEW YORK, A CORPORATION OF NEW YORK.

METALLIC COLUMN.

SPECIFICATION forming part of Letters Patent No. 758,331, dated April 26, 1904.

Application filed February 20, 1903. Serial No. 144,220. (No model.)

To all whom it may concern:

Be it known that I, ENOCH OHNSTRAND, a resident of Jamestown, in the county of Chautauqua and State of New York, have invented a new and useful Improvement in Metallic Columns; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to metallic posts, pillars, columns, or like supports adapted to be used in connection with the construction of metallic furniture, stairways, or other such structures.

The object of my invention is to provide a metallic post or pillar which may be formed of sections of plate or sheet metal, the sections being so connected as to provide a light ornamental structure without the use of rivets or other connecting devices, which increase the cost of construction and at the same time tend to detract from the appearance of the finished post or pillar.

To these ends my invention comprises, generally stated, a post, pillar, or like support, formed of webs or sections of plate or sheet metal, each web having one edge portion bent to form a rib or like enlargement, and the other edge portion bent to form an encircling or tubular extension of larger size, which fits around the rib of the adjoining web in such manner as to form a secure connection between the different webs without the use of any fastening devices, and so that to all appearance the post or pillar is made of an integral piece of metal.

To enable others skilled in the art to make and use my invention, I will describe the same with reference to the accompanying drawings, in which—

Figure 1 is a view of a portion of a table with my invention applied thereto, and Fig. 2 is an enlarged cross-section of the post or pillar.

Like numerals indicate like parts in each of the figures.

While I have illustrated my invention in the accompanying drawings in connection with a

table, I wish to include within the scope of my invention all other articles of furniture whether movable or stationary.

The numeral 2 indicates a portion of the top of a suitable table, which is provided with the leg or standard 3. The leg 3 is made up of the four side pieces or webs 4, 5, 6, and 7. These side pieces are constructed of plate or sheet metal of the proper thickness, each side piece having a rib or like enlargement 8 formed along one edge thereof, the other edge having a corresponding encircling tubular extension 9 formed thereon slightly larger in diameter than the rib 8 and greater than a semicircle to fit around the rib of the adjoining side piece. The inner ribs 8 thus form air-spaces 8^a at each corner.

Where the post or pillar consists of a four-sided figure, the four webs composing the same are united in the following manner: The web 4 is connected to the web 5 by the tubular extension 9 of said web 4, inclosing or encircling the rib 8 of the web 5, the tubular extension 9, sliding over the rib 8 of the web 5, the free end of the extension 9, as at 10, fitting closely to the web 5, so that the point of juncture between the web 4 and web 5 is scarcely visible. In the same manner the extension 9 of each web fits around the rib 8 of the adjoining web, so that when the four sides are united in the above manner a complete four-sided post or pillar is formed.

It is apparent that the posts may be made up of a different number of sides or webs, such as triangular, hexagonal, octagonal, &c. The plain faces of the side may be ornamented, if desired. The shapes of the ribs and tubular extensions may also be varied, according to the desire of the architect or builder. The ribs and tubular extensions may be formed along the edges of the webs by bending by suitable machinery.

By my invention I am able to produce a metallic post or pillar which is light in construction and the parts are easily united without rivets or other fastening means, which tend to mar the appearance of the finished

post, while at the same time they are liable to work loose and destroy the rigidity of the structure.

By connecting the parts in the manner above set forth there is no liability of the parts of the pillar working loose, and the parts may be quickly put together, so that the cost is greatly reduced. To all appearances the built-up post or pillar is formed of a continuous piece of metal, and when finished to imitate mahogany or other hard-wood finish there are no visible cracks or joints and a very rich and beautiful finish may be obtained.

What I claim is—

1. A beam or column consisting of webs or plates having tubular margins of unequal diameter, the margin of the smaller inclosed

within the larger tubular margin of another web or plate.

2. The combination with beams or pieces having webs provided with tubular margins, of other webs or tie-pieces engaging the tubular margins.

3. The combination of webs or pieces having tubular margins with other webs or pieces having tubular beads which engage the walls of said margins and afford air-spaces.

In testimony whereof I, the said ENOCH OHNSTRAND, have hereunto set my hand.

ENOCH OHNSTRAND.

Witnesses:

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