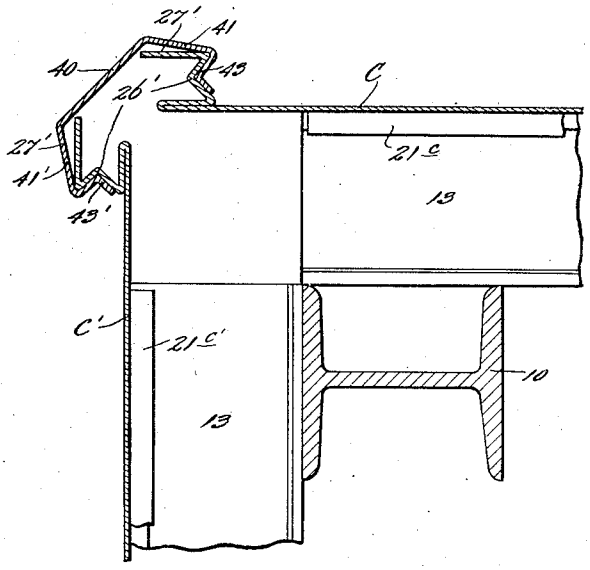
Oct. 16, 1928. 1,688,134

A. BRAUNSTEIN

BUILDING CONSTRUCTION

Original Filed Feb. 25, 1926



INVENTOR
Achille Braunstein
BY Arthur A. Kent
ATTORNEY

Patented Oct. 16, 1928. 1,688,134

UNITED STATES PATENT OFFICE.

ACHILLE BRAUNSTEIN, OF NEW YORK, N. Y., ASSIGNOR TO ANCHOR CORRUGATING CONSTRUCTION CO., OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

BUILDING CONSTRUCTION.

Original application filed February 25, 1926, Serial No. 90,447. Divided and this application filed November 17, 1927. Serial No 233 751.

This invention relates to building construction, and particularly to buildings having a structural metal frame and a metal sheathing, and aims to provide a building of this character which may be easily and economically erected.

In my co-pending application filed February 25th, 1926, Serial No. 90,447, I have described and claimed a standard construction which may be applied in a uniform manner on any flat wall or roof surface of such a building. The present application, which is a division of the aforesaid application, relates particularly to a construction to be used at the corners of such building.

In order that the invention may clearly be understood, I will describe in detail the specific embodiment of it shown in the accompanying drawing which is a fragmentary horizontal section of a corner of the building.

The frame of the building illustrated is of usual construction consisting of corner posts, one of which 10 is shown in the drawing, which serve to support horizontal side beams 13.

The frame is covered with a metal sheathing of rectangular galvanized metal sheets, two of which, c, c', are shown in section in the drawing.

The sheets c, c' are hung on the side beams 13 by means of hook flanges 21^c, $21^{c'}$ and may also be bolted or otherwise secured to the side beams by means not shown in the drawing. In placing the sheets c, c' on the frame, a space is left between the side edges of the sheets at the corner of the building. To provide for applying and retaining a cover-piece to cover this space, the side edge of each sheet at the corner of the building is provided with a retaining flange 26′ having the form of an angle flange spaced inwardly from the side edge of the sheet and inclined at 45° to the sheet and with a cam flange 27′ extending from the edge of the angle flange. The retaining flanges and cam flanges of each sheet are integral with the sheet and are formed by bending the side edge portion of the sheet, first back on itself at the outer side of the sheet, then outwardly at an angle of 45° to the sheet, then inwardly at an angle of 135° to the sheet, and then outwardly parallel to the plane of the sheet.

A cover-piece 40 is provided to cover the space between the edges of the sheet c, c' at the corner of the building to make a water-tight joint. The cover-piece 40 is made of sheet metal and has the form of a channel with its sides 41, 41′ flaring outwardly from its top. At the lower edges of the sides 41, 41′ of the cover-piece are engaging elements 43, 43′ having the form of inturned angle flanges.

After the sheets have been placed in position, the cover-piece is snapped over the angle flanges of the sheets. This is done in the following manner. The cover-piece 40 is first placed with one of its angle flanges 43 under the angle flange 26′ of one of the sheets. This brings the lower edge of the other angle flange 43′ of the cover-piece over the upper edge of the cam flange 27′ of the other sheet. The cover-piece is then pressed down, and, as it is made of resilient sheet material, its lower edges spread apart as it is pressed against the cam flange so that its angle flange passes over the cam flange and snaps in against the angle flange 26′ of the sheet. The cover-piece is then held firmly in the position in which it is shown in the drawing.

What is claimed is:

In building construction, two sheets located on adjacent walls at a corner of a building, inturned retaining flanges at the side edges of said sheets at the corner of the building, a cam flange extending from the outer edge of each retaining flange in a direction parallel to the sheet on which the retaining flange is formed, and a resilient cover-piece adapted to snap over the cam flanges of the sheets and embrace the retaining flanges thereof.

In testimony whereof, I have hereunto set my hand.

ACHILLE BRAUNSTEIN.