To all whom it may concern:

Be it known that I, Thomas L. Sewell, a citizen of the United States, residing at Wilmington, in the county of Newcastle and State of Delaware, have invented new and useful Improvements in Columns for Metal-Work, of which the following is a specification.

My invention has relation to improvements in columns for structural ironwork; and it consists in the construction and combination of parts hereinafter more fully described and claimed and also illustrated in the accompanying drawing, showing the invention in a sectional view through a column constructed in accordance with my invention.

Referring to the figure of the drawing by numerals, 11 are two sectional channel-bars having horizontal flanges extending from opposite ends, said sectional channel-bars having their inner face portions arranged side by side to form an I-beam. On the outer face portions of these channel-bars and at each side of the same and arranged one above the other are Z-bars 2, having flanges which are secured to the opposite sides of the sectional I-beam by means of rivets 4, passing through said flanges and vertical portions of said sectional I-beam, whereby the I-beam and Z-bars are held securely together. The outer free face portions of the flanges 3 on opposite ends of the Z-bars 2 are arranged in a vertical straight line with each other. Between the horizontal arms of the pairs of Z-bars and on opposite sides of the channel-bars are arranged longitudinally-extending channels 25. The outer face portions of the flanges on opposite ends of the sectional I-beam are arranged in a horizontal straight line with the terminal ends of the outer flanges of the Z-bars.

Having described my invention, what is claimed as new is—

A column for structural ironwork comprising two flanged sections having their vertical inner face portions arranged side by side to form an I-beam, a pair of Z-bars at each side arranged one above the other having their inner flanged portions arranged on the outer vertical faces of the sectional I-beam and rivets passing through said flanges and vertical portions of said sectional I-beam to secure said Z-bars thereto, the outer free face portions of the two flanges of the Z-bars being arranged in a straight vertical line with each other, the outer face surfaces of the flanges on the opposite ends of the sectional I-beam being arranged in a horizontal straight line with the terminal ends of the outer flanges of the Z-bars, and channels between the horizontal portions of said Z-bars, substantially as specified.

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

THOMAS L. SEWELL.

Witnesses:
Edward A. Maser,
George V. Maser.