No. 795,362. PATENTED JULY 25, 1905.

I. W. NUMAN.

COLUMN.

APPLICATION FILED SEPT. 9, 1904.

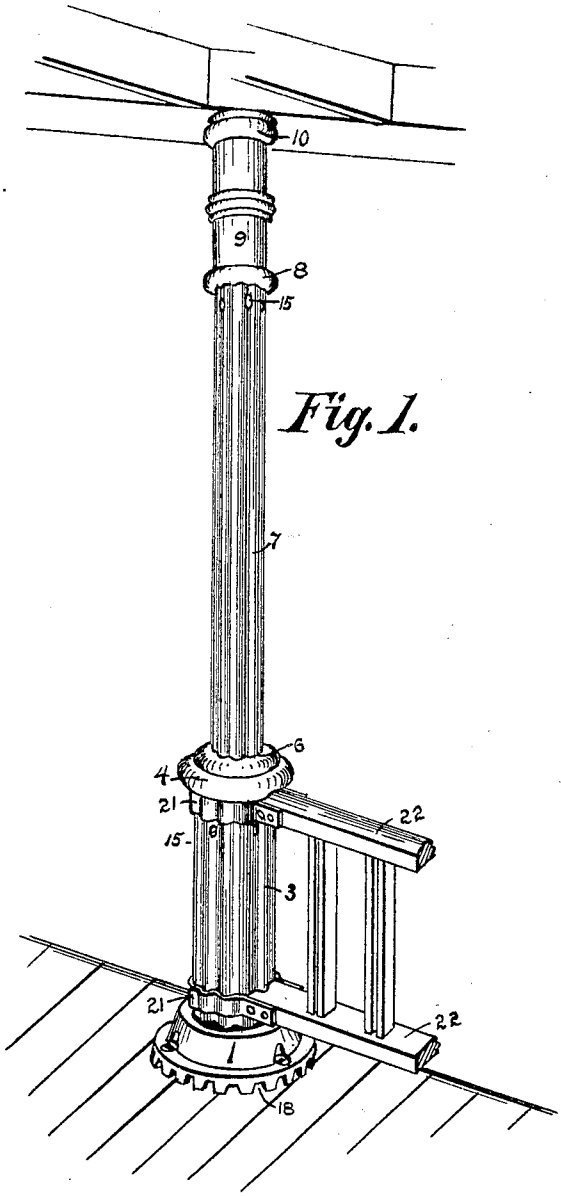


Fig. 1.

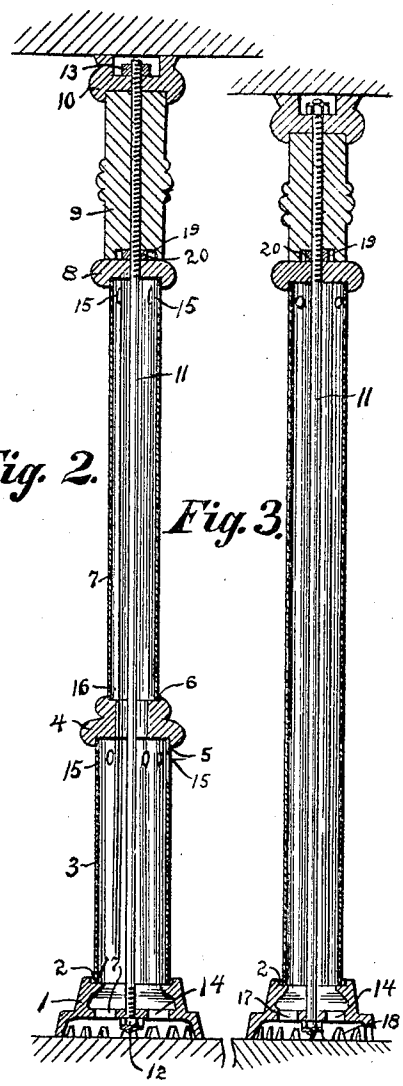


Fig. 2.

Fig. 3.

Fig. 4.

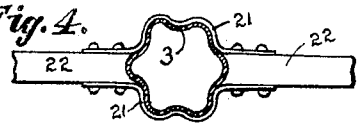
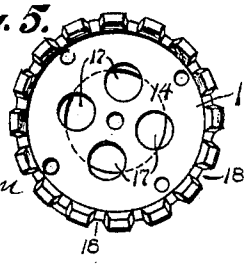


Fig. 5.



WITNESSES

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No. 795,362. Specification of Letters Patent. Patented July 25, 1905.

Application filed September 9, 1904. Serial No. 223,855.

To all whom it may concern:

Be it known that I, ISAAC W. NUMAN, a citizen of the United States, and a resident of Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Columns; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the figures of reference marked thereon, in which—

Figure 1 is a view showing the column placed in proper position. Fig. 2 is a longitudinal section showing the column proper formed in sections. Fig. 3 is a longitudinal section showing the column formed of a single section. Fig. 4 is a transverse section of the column, showing banister rails and straps connected thereto. Fig. 5 is a view showing the bottom or under side of the base.

The present invention has relation to columns especially designed for porch-columns and like structures or in structures where a column is to be employed wherein it is not desired to have the columns support heavy weights.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings, 1 represents the base, which is formed of a size to give sufficient support for the column proper and should be held in fixed position by means of nails or their equivalents.

The base 1 is provided with the socket 2, which socket receives the bottom or lower end of the column-section 3.

Upon the top or upper end of the column-section 3 is located the section connecting or coupling disk 4, which is provided with sockets 5 and 6, which sockets receive the ends of the sections 3 and 7, as best illustrated in Fig. 2.

Upon the top or upper end of the column-section 7 is located the disk or cap 8, upon which cap is located the filling-section 9, and upon the top or upper end of the filling-section 9 is located the cap 10, upon which cap rests the timber or structure designed to be supported by the column.

For the purpose of connecting the various column-sections and filling-sections the connecting-rod 11 is provided, which connecting-rod is screw-threaded at its ends, which receive the nuts 12 and 13.

The column-sections 3 and 7 are formed of sheet metal and are corrugated, as illustrated in the drawings, said corrugations being for the purpose of giving a pleasing appearance and at the same adding strength to the column.

For the purpose of providing a means for connecting the rod 11 to the base said base is provided with the perforated disk 14, which perforated disk is preferably formed integral with the base and located between the bottom and top of said base, substantially as shown in Figs. 2 and 3.

In use the connecting-rod 11 and the filling-sections 9 are formed somewhat longer than the length of the finished or completed column, by which arrangement the column can be brought to the desired length by cutting the filling-section and the connecting-rod so as to produce a column of the desired length.

It will be understood that when the cap 10 is placed in proper position after the filling-section 9 has been brought to the desired length the connecting-rod 11 is to be cut off directly above the nut 13, so that said rod will not interfere in placing the column proper in the position illustrated in the drawings.

For the purpose of providing suitable ventilation the various column-sections are provided with apertures 15 and the coupling-disk 4 provided with an aperture 16, which aperture is formed of a diameter greater than the diameter of the coupling-rod 11, by which arrangement perfect ventilation is provided through the entire length, and for the purpose of removing any water that may accumulate from time to time the disk 14 is provided with the aperture 17, which aperture provides a means for the escape of water, said water finding its way through the recesses 18, formed in the bottom flange of the base 1.

For the purpose of providing suitable drainage the coupling-disk 4 is slightly concave upon its upper face, so that the water will be drained or conveyed toward the aperture 16.

For the purpose of assisting and holding the filling-sections 9 the bottom or lower ends are provided with the recesses 19, which recesses receive the nuts 20, as illustrated in Figs. 2 and 3.

In case the columns are used for porches and it is desired to provide banisters the banister-straps 21 are provided, which banister-straps are corrugated to correspond with the column-sections to which they are attached and said straps attached to the banister-rails 22, as illustrated in Figs. 1 and 4.

In Fig. 3 I have illustrated a slight modi-

fication, which consists of a column formed in a single section and one end of said section located in the base and the opposite end thereof provided with a cap upon which is located the filling-block 9.

By providing the nut 20 and extending the connecting-rod some distance above the different parts of the column, such as the cap 8, the coupling-disk and the various section or sections of the column, together with the base 1, can be all connected together regardless of the filling-section 9, by which arrangement the filling-block can be placed upon the extended portion of the connecting-rod 11 after it has been brought to the desired length and the top cap 10 properly connected, which finishes the column proper and brings it to the desired length.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a column of the class described, the combination of column-sections corrugated in cross-section, a base provided with a socket adapted to receive the lower end of the lower column-section, a coupling-disk provided with sockets upon its opposite sides adapted to receive the adjacent ends of two column-sections, a cap located upon the upper end of the upper column-section and provided with a recess to receive the column, a filling-block provided with a nut-receiving recess in its lower end, and a cap provided with a nut-receiving recess at its upper end, said cap located upon the upper end of the filling-block, a connecting-rod provided with screw-threads at its upper end, and nuts located thereon, the lowermost nut adapted to bind the columns together independent of the filling-block, and the uppermost nut adapted to bind the filling-block, substantially as and for the purpose specified.

2. In a column of the class described, the combination of sheet-metal corrugated sections and the sections provided with ventilating-apertures, a base adapted to support the column, and the lower section seated in said base, a coupling-rod secured at its bottom or lower end to the base, and screw-threaded at its upper end, nuts located upon the screw-threaded portion of the coupling-rod, and a cap located upon the upper end of the upper corrugated section, and below the lowermost nut upon the coupling-rod, a filling-block provided with a recess at its lower end, and a recessed cap located upon the upper end of the filling-block and just below the uppermost nut of the coupling-rod, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ISAAC W. NUMAN.

Witnesses:
F. W. BOND,
L. M. BOND.