

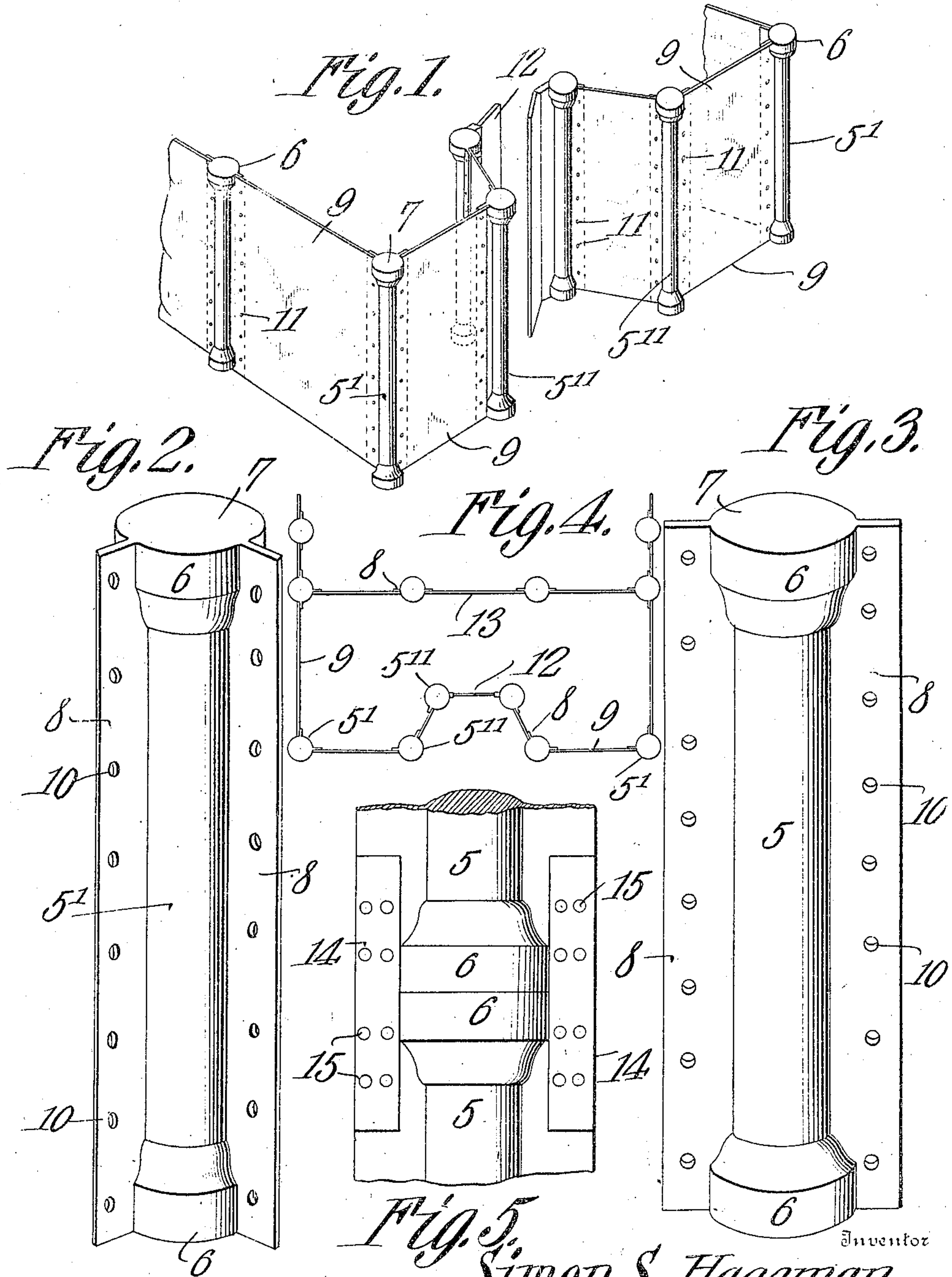
No. 877,076.

PATENTED JAN. 21, 1908.

S. S. HAGEMAN.

COLUMN.

APPLICATION FILED NOV. 11, 1907.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## COLUMN.

No. 877,076.

Specification of Letters Patent

Patented Jan. 21, 1908.

Application filed November 11, 1907. Serial No. 401,728.

*To all whom it may concern:*

Be it known that I, SIMON S. HAGEMAN, a citizen of the United States, residing at Abilene, in the county of Dickinson and State of Kansas, have invented a new and useful Column, of which the following is a specification.

This invention relates to the construction of buildings and more particularly to a pillar or column especially designed for use in constructing show-windows, hot houses and similar structures having transparent walls.

The object of the invention is to provide a pillar or column having laterally extending attaching flanges which form supports for the plates or slabs constituting the walls of a building, said flanges being provided with spaced perforations for the reception of bolts or similar fastening devices.

A still further object of the invention is generally to improve this class of devices so as to increase their utility, durability, and efficiency.

Further objects and advantages will appear in the following description, it being understood that various changes in form, proportions and minor details of construction may be resorted to within the scope of the appended claims.

In the accompanying drawings forming a part of this specification: Figure 1 is a perspective view of a portion of a show-window constructed of pillars or columns made in accordance with my invention. Fig. 2 is a perspective view of one of the pillars or columns detached. Fig. 3 is a similar view of one of the partition pillars or columns. Fig. 4 is a plan view showing the manner of arranging the pillars in constructing a hot-house or other building. Fig. 5 is a front elevation showing the manner of connecting the pillars or columns when the latter are arranged in superposed order for constructing a building of more than one story in height.

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

The improved pillar or column forming the subject matter of the present invention is especially designed for use in the construction of show-windows, hot-houses and similar transparent structures and in Fig. 1 of the drawings several of said pillars are shown connected by transparent slabs to

form the display front or show-window of a store.

The column comprises a cylindrical body portion 5 preferably cast or otherwise formed of metal and provided with oppositely disposed integral caps or heads 6 having smooth bearing surfaces 7 for engagement with the correspondingly flat bearing surface of an adjacent column when several of said columns are arranged in superposed order in erecting a building or other structure of more than one story in height.

The columns are formed with integral angularly disposed attaching flanges 8 which extend longitudinally of the column and connect the caps 6, as shown, said flanges being extended the entire length of the column and having their opposite ends terminating flush with the adjacent bearing surfaces 7.

The flanges 8 form supports for and bear against the transparent slabs 9 constituting the display window, said flanges being provided with spaced perforations 10 for the reception of bolts or similar fastening devices 11 which pierce the slabs 9 and serve to detachably secure said slabs to the adjacent columns.

The flanges on the several columns are arranged at different angles, the flanges of the corner posts or columns 5' being disposed at substantially right angles to each other while the flanges of the intermediate pillars or columns 5'' are arranged at an obtuse angle so that the adjacent transparent plates will be inclined towards the interior of the building and thus form an approach to the door 12.

When erecting a dwelling house, hot-house or similar structure having interior compartments, some of the columns or pillars are provided with oppositely disposed attaching flanges disposed in alinement with each other and to which the partition slabs 13 are attached, as best shown in Figs. 2 and 4 of the drawings.

When a building two or more stories high is to be erected the columns or pillars may be arranged in superposed order with their adjacent bearing faces 7 disposed in contact with each other and with the attaching flanges arranged in vertical alinement, as best shown in Fig. 5 of the drawings, and in which position the flanges may be readily coupled by means of tie plates 14 which bear against the flanges and are rigidly secured



thereto by bolts or similar fastening devices 15.

It will of course be understood that, if desired, metal or wooden slabs may be substituted for the transparent slabs 9 when erecting certain kinds of buildings such as dwelling houses and the like. It will also be understood that the columns may be made in different sizes and shapes and formed of metal, wood, stone, cement or other suitable material.

Having thus described the invention what is claimed is:

1. A column including a body portion having its opposite ends provided with terminal caps, and attaching flanges extending longitudinally of the column and formed integral with the body portion and caps, said flanges being extended laterally beyond the exterior walls of the caps and provided with spaced

perforations for the reception of fastening devices.

2. In building construction, a plurality of superposed columns each provided with a terminal cap having a flat bearing surface for engagement with the flat bearing surface of an adjacent column, integral flanges extending laterally from each column and connected with the adjacent cap, and coupling members connecting the flanges of said columns for clamping the same in vertical alignment with each other.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

SIMON S. HAGEMAN.

Witnesses:

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