

C. C. BARRICK.

COLUMN.

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973,615.

Patented Oct. 25, 1910.

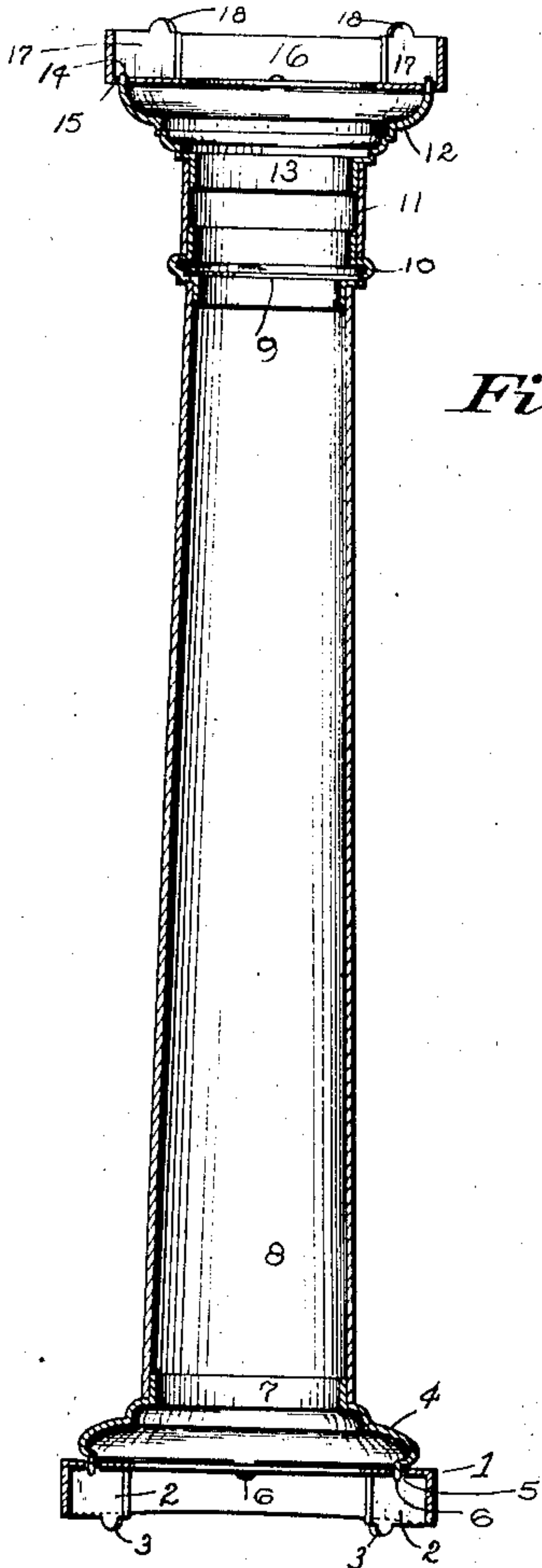


Fig. 1.

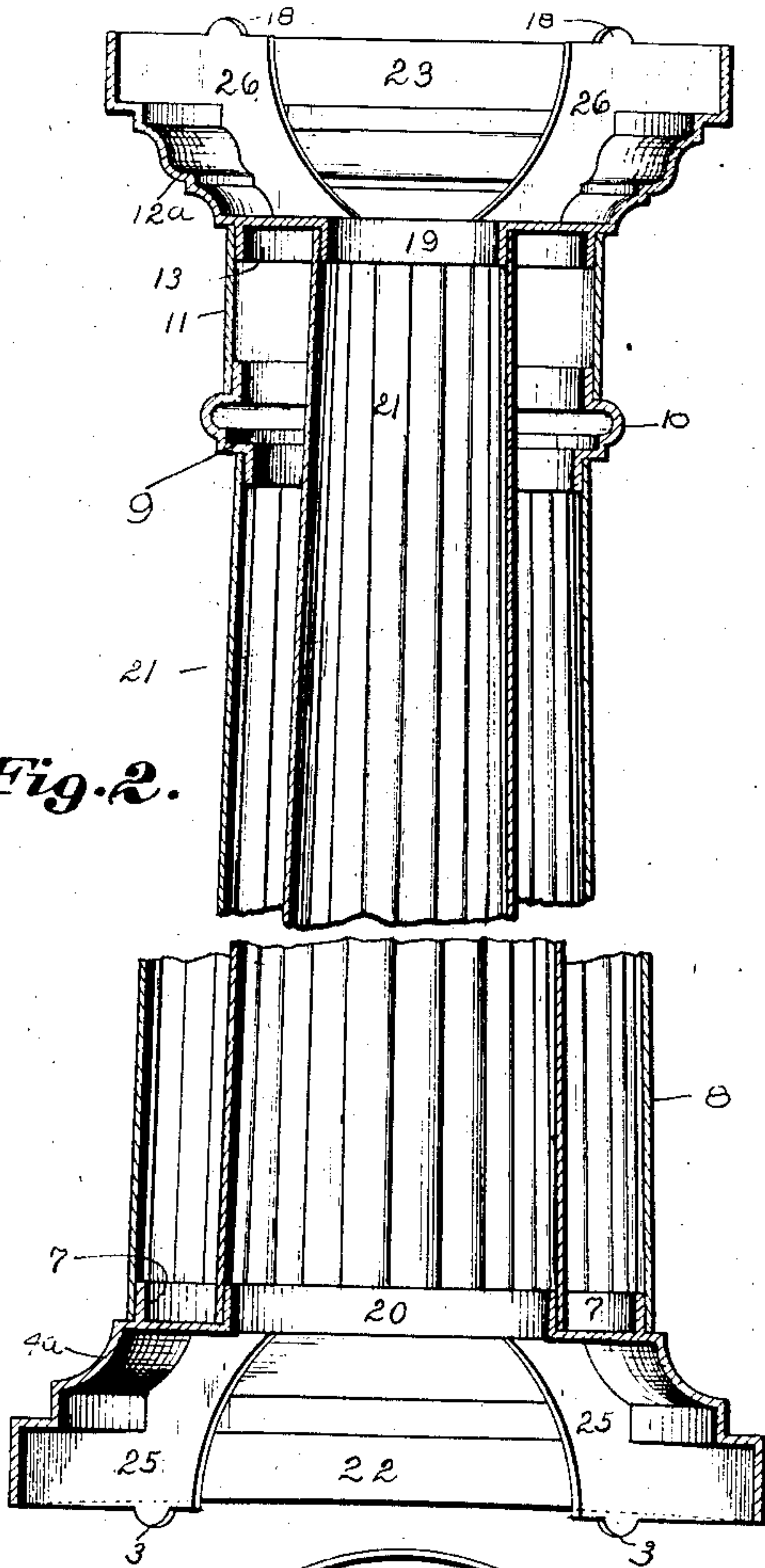


Fig. 2.

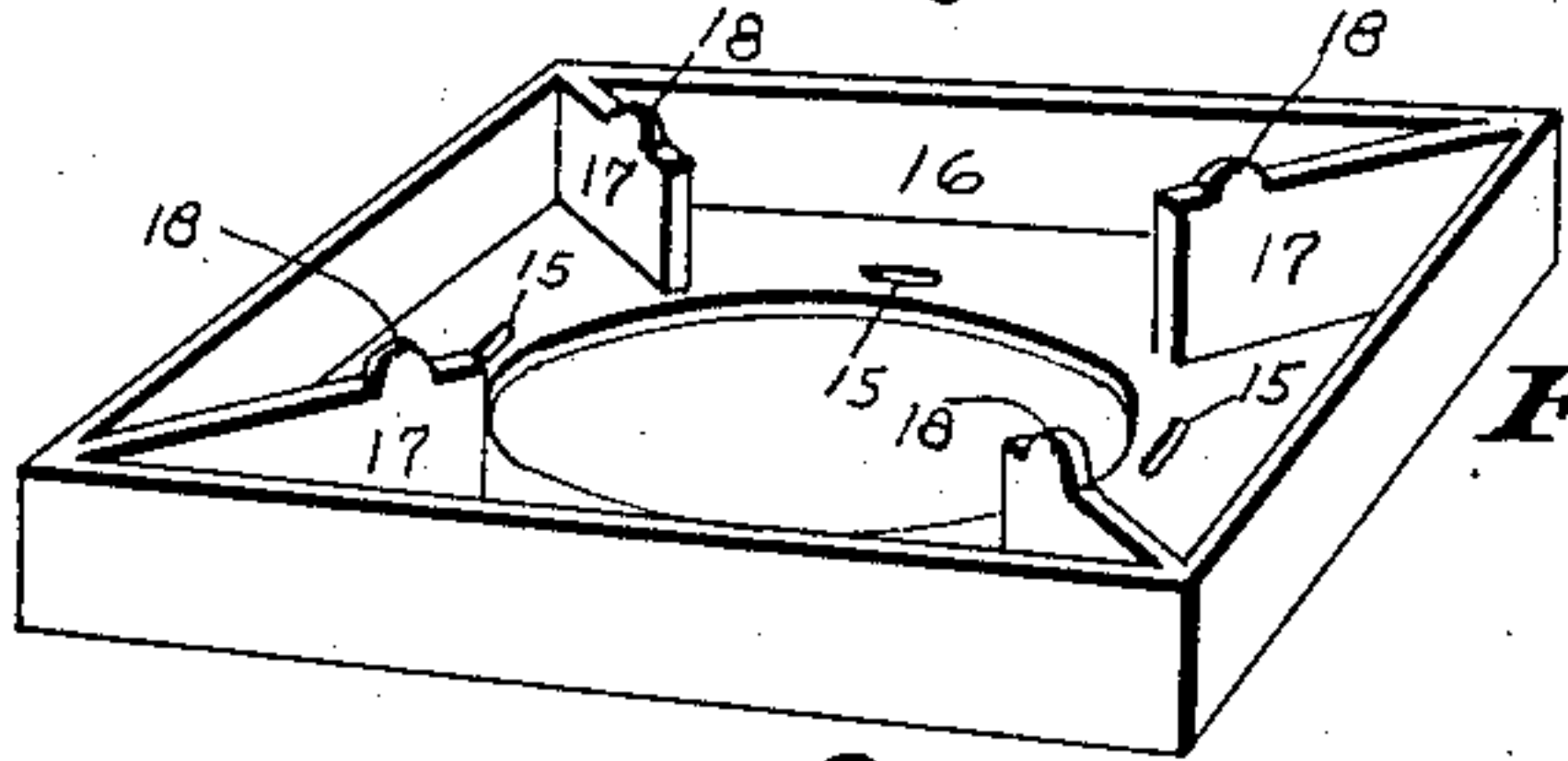


Fig. 7.

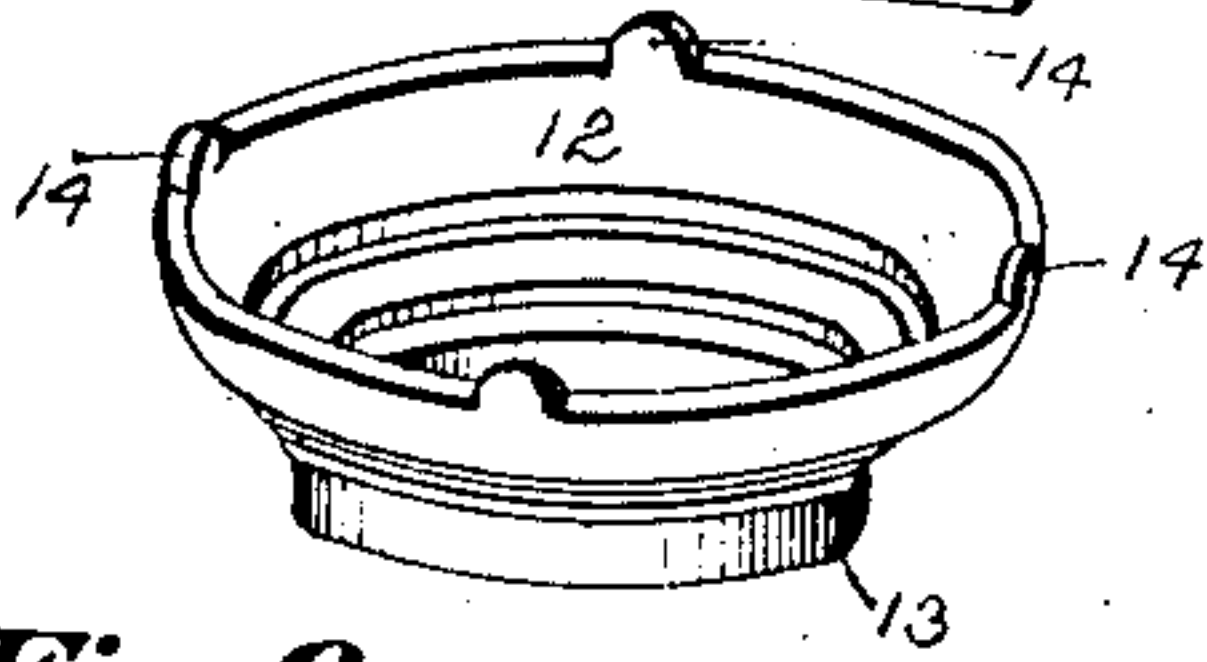


Fig. 6.

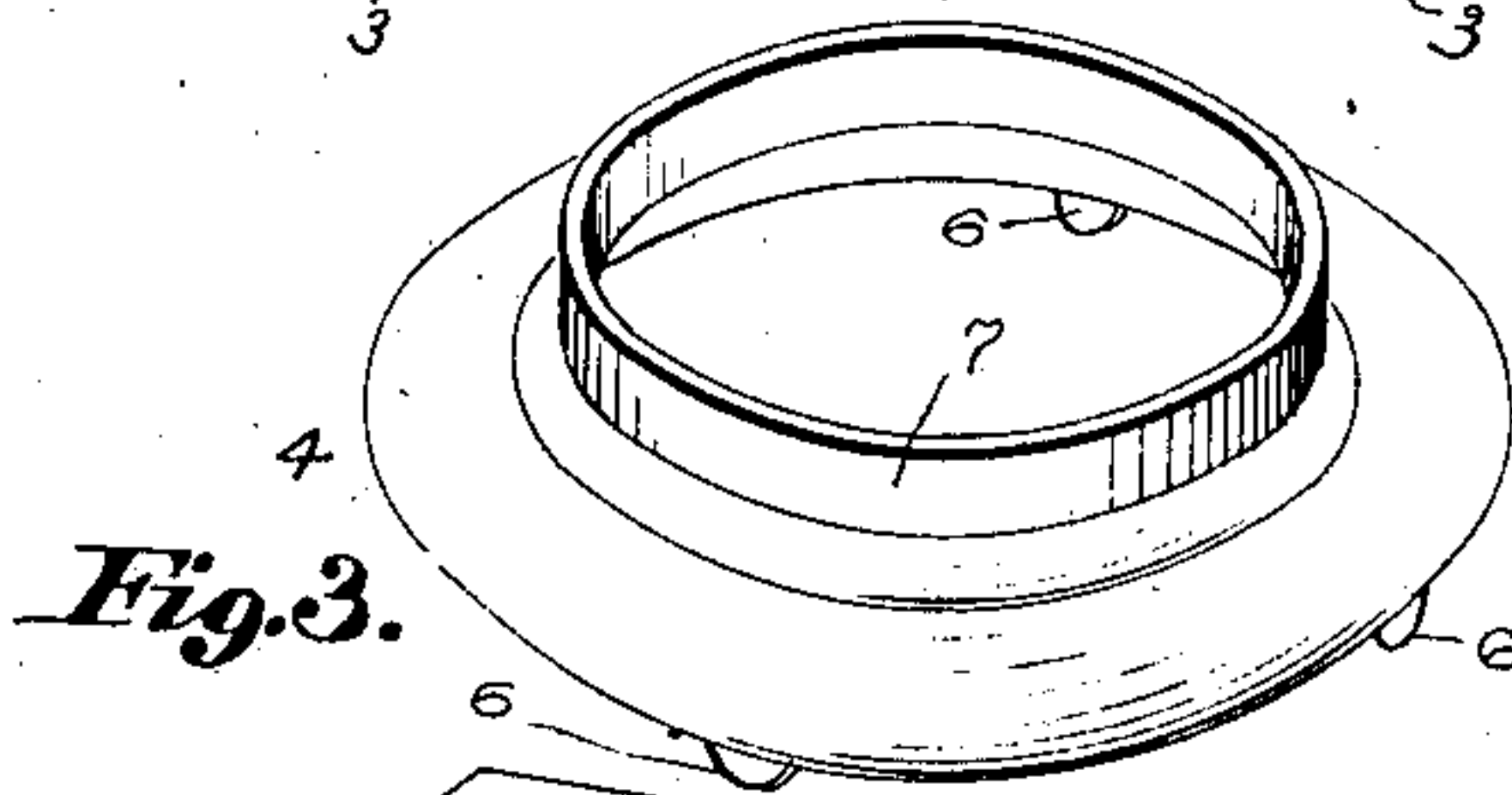


Fig. 3.

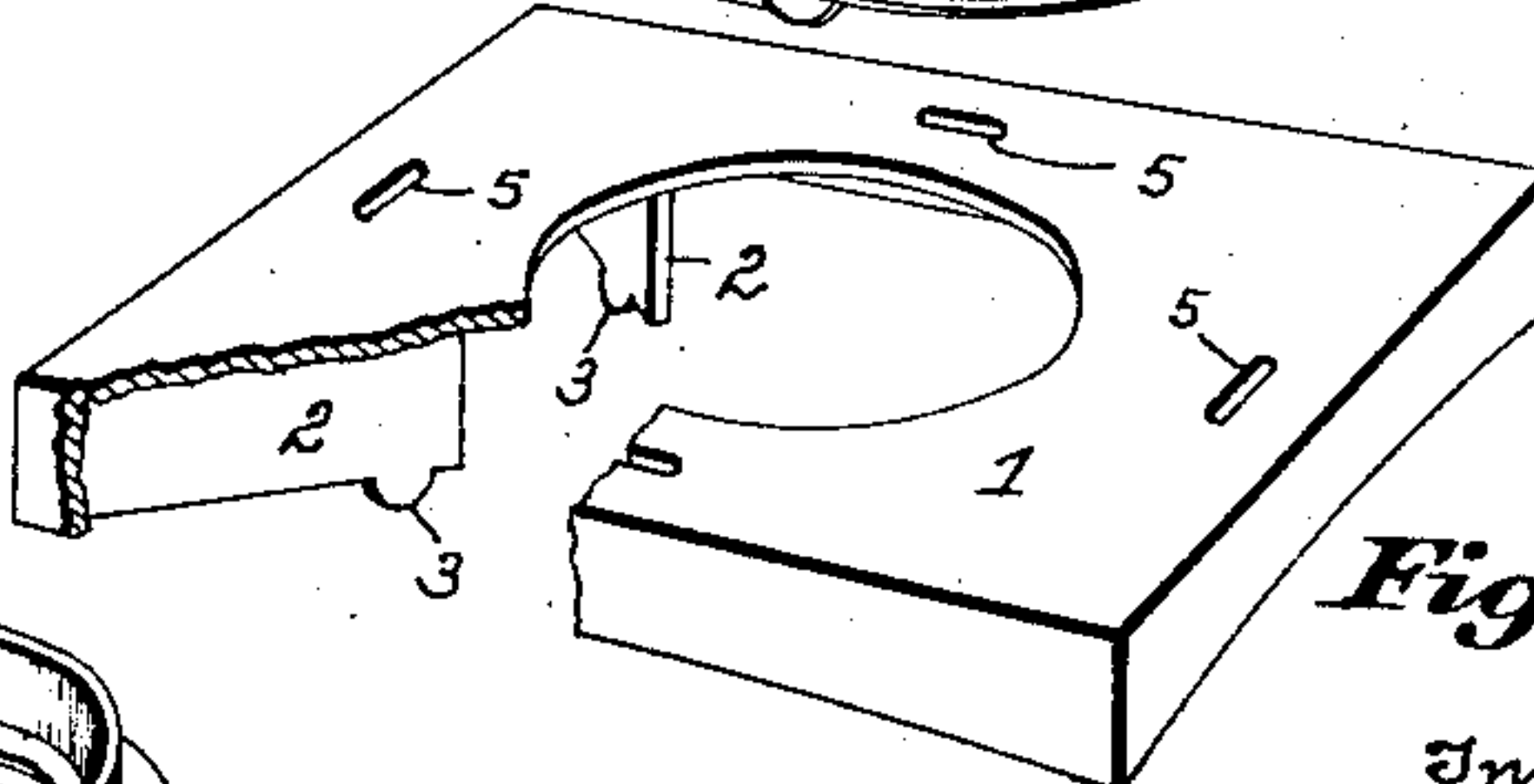


Fig. 4.

Witnesses
Harry O. Rastetter.
Sylvia Boron.

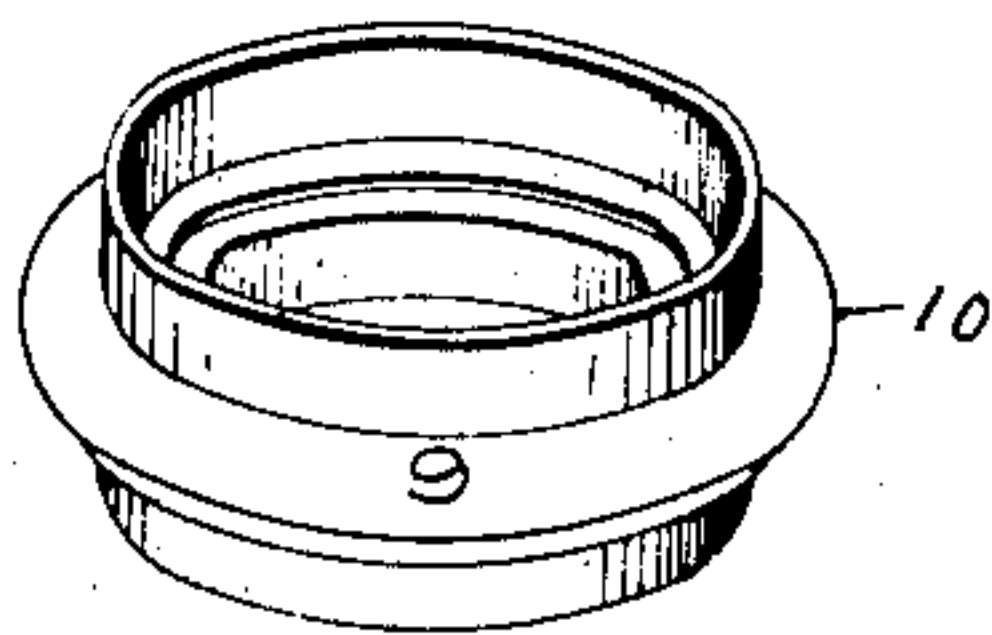


Fig. 5.

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UNITED STATES PATENT OFFICE.

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COLUMN.

973,615.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHRISTOPHER C. BARRICK, a citizen of the United States, residing at 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 accompanying drawing, making a part of this specification, and to the numerals and figures of reference marked thereon, in which—

Figure 1 is a vertical section of the column showing the different parts properly assembled. Fig. 2 is a vertical section showing the different parts of the column properly assembled and illustrating an inner column. Fig. 3 is a detached view of the torus. Fig. 4 is a detached view of the base, showing portions broken away. Fig. 5 is a detached view of the collar. Fig. 6 is a detached perspective view of the capital torus. Fig. 7 is a perspective view of the capital.

The present invention has relation to columns and it consists in the different parts and combination of parts hereinafter described and particularly pointed out in the claims.

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

In the accompanying drawing, 1 represents the base, which base is provided with the supporting flanges 2, which supporting flanges are provided with the floor or foundation contact lugs, 3, which lugs are designed to be embedded in the foundation or floor as the case may be, and for the purpose of preventing any movement of the base and column proper after the base and the different parts of the column have been properly assembled and placed in position. Upon the base 1 is located the torus 4, which may be of the form shown in Fig. 3 or it may be of any other design reference being had to the kind of configuration designed to be given to said torus.

For the purpose of holding the torus 4 and base 1 in proper relative position with reference to each other, and preventing any relative movement as between said parts the base is provided with the apertures 5, and the torus provided with the lugs 6, which lugs are seated in the apertures 5 as illustrated in Fig. 1. The torus 4 is provided with the flange 7, which flange is for the

purpose of holding the bottom or lower end of the column body 8 in proper position said column body being located or set upon the torus and the flange 7 entered in the bottom or lower end of said column as illustrated in Figs. 1 and 2. At the top or upper end of the column body 8 is located the beaded ring or what might be termed coupling 9, which ring or coupling should be provided with a molding or bead 10 to give a pleasing appearance and for the further purpose of forming a rest for said ring or coupling upon the top or upper end of the column body 8, and also a support for the bottom or lower end of the capital section 11. Upon the top or upper end of the capital section 11 is located the capital torus 12, which capital torus is provided with the flange 13, which flange is entered in the top or upper end of the column section 11 as illustrated in Figs. 1 and 2. The capital torus 12 is provided with the lugs 14, which lugs are entered in the apertures 15 formed in the capital 16. The capital 16 is provided with the flanges 17, which flanges are provided with the contact lugs 18, which contact lugs are designed to be entered or embedded in the part of the building coming in direct contact with the top of the capital, by which arrangement the column when placed in proper position will be held against displacement at its top or upper end.

It will be understood that by forming the column section 11 of different lengths the length of the column proper or the extreme distance between the bottom of the base 1 and the top of the capital 16 can be varied thereby providing for proper adjustment for any variations as to distances between the floor or foundation and the ceiling or other parts of the building resting upon the capital. In some instances it may be desirable to place a column or tube within the outer column and when it is so desired the base torus 4^a and the capital torus 12^a are each provided with the inner flanges 19 and 20 and the flanges set into the top and bottom ends of the inner tube 21 as illustrated in Fig. 2. This construction is desirable in some instances and especially so where columns of considerable diameter are employed, by which arrangement the pressure is better distributed. In the drawing I have shown a single inner tube or column, but it will be understood that any desired number may be

employed without departing from the nature of my invention. When it is desired to employ two or more columns concentrically located, the base 22 and the capital 23 are preferably formed of a single piece and for the purpose of centering the weight carried by the column proper the downward extended flanges 25 and the upward extended flanges 26 are provided which flanges are preferably formed integral with the base and capital.

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

1. In a column, a base provided with supporting flanges having lugs, apertures formed in the top of the base, a torus provided with lugs adapted to be seated in the apertures formed in the base, a flange formed upon the torus and a column located upon the torus and around the flange, a capital torus and a capital detachably connected together, said capital provided with supporting flanges and lugs formed upon said flanges, substantially as and for the purpose specified.

2. In a column of the class described, a

base and a torus therefor, a capital and a torus for said capital, the base and capital provided with contact lugs, a column mounted upon the base, a coupling section provided with a flange, a column section located between said coupling section and the capital torus, substantially as and for the purpose specified.

3. In a column of the class described, a base and a torus therefor, said base provided with supporting flanges, a capital and a torus for said capital, said capital provided with flanges, the flanges of said base and capital provided with contact lugs, a column mounted upon the base, a coupling section provided with a flange a column section located between said coupling section and the capital torus, 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.

CHRISTOPHER C. BARRICK.

Witnesses:

J. A. JEFFERS,
F. W. BOND.