

No. 765,502.

PATENTED JULY 19, 1904.

A. MERKLEY.
WELL CURB TILE.

APPLICATION FILED MAR. 19, 1904.

NO MODEL.

Fig. 1.

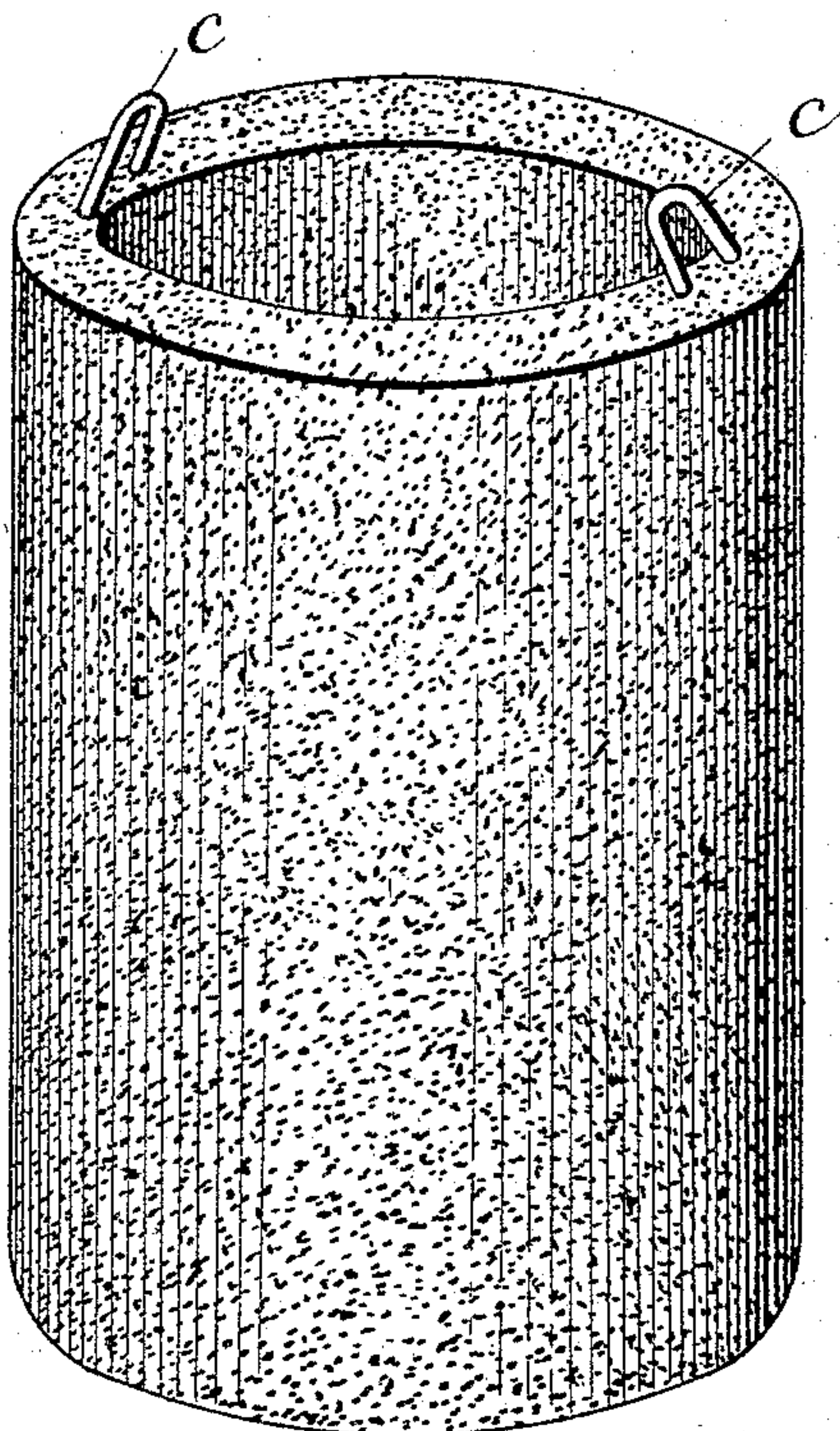
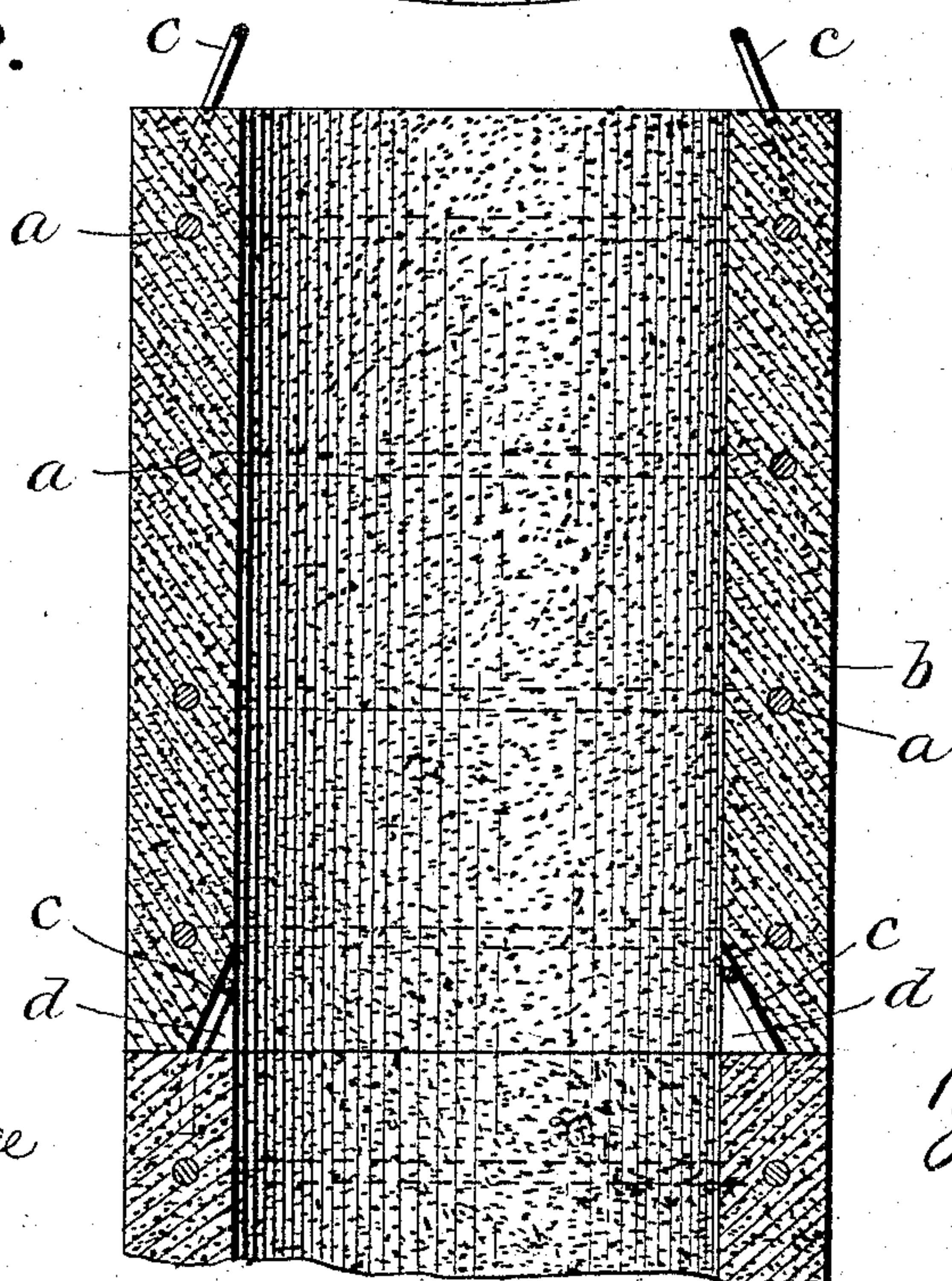


Fig. 2.



Witnesses .

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UNITED STATES PATENT OFFICE.

ADEN MERKLEY, OF SCHALLER, IOWA.

WELL-CURB TILE.

SPECIFICATION forming part of Letters Patent No. 765,502, dated July 19, 1904.

Application filed March 19, 1904. Serial No. 198,939. (No model.)

To all whom it may concern:

Be it known that I, ADEN MERKLEY, a citizen of the United States of America, and a resident of Schaller, county of Sac, State of Iowa, have invented certain new and useful Improvements in Well-Curb Tiles, of which the following is a full and clear specification, reference being had to the accompanying drawings, in which—

10 Figure 1 is a perspective view of one section of my tubular tile, and Fig. 2 a vertical sectional view of two adjacent superposed sections.

15 The object of this invention is to provide a composition or plastic tile which will be cheap and strong enough to supercede the common terra-cotta tile now commonly used for curbing wells, as more fully hereinafter set forth.

20 I may employ any plastic composition for the purpose; but I prefer employing one consisting of coarse sand, hydraulic cement, crushed oyster-shells, and powdered rosin mixed in suitable proportions and dampened and then molded into tubular form in any
25 suitable molding apparatus. After the tile is molded it is removed and allowed to set and harden, which usually requires about eight days, after which it is ready for use. I find such a tile much stronger and less liable to
30 fracture than the common baked terra-cotta tile now commonly used.

To give strength to the tile and prevent it cracking, I embed in it during the process of manufacture a series of wire rings *a*. At-
35 tached to the uppermost ring of the series is a pair of eyes or loops *c*, whose upper ends emerge from the upper end of the tile at or near its inner edge, and thereby serve as a means by which the tile may be lowered into
40 the well or removed therefrom. These loops

or eyes are arranged at diametrically opposite points and are inclined inward toward each other, so as to engage in correspondingly-beveled recesses *d*, formed in the lower inner edge of the tile next above. In this way these
45 loops serve also as a means of holding the sections of the tile in alinement.

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

1. A tubular composition-tile having embedded in it a metallic annular framework and a pair of loops or eyes attached to the upper part of this framework and emerging at the upper end of the tile for the purpose set forth. 55

2. A composition tile-section having recesses formed in its lower end and corresponding loops or eyes embedded in its upper end and projecting above said upper end, for the
60 purposes set forth.

3. A tubular composition tile-section having embedded in it a strengthening annular metallic framework, this framework having attached to its upper part a pair of oppositely-disposed loops which emerge from the top of
65 the tile and are inclined inward toward each other, the lower inner edge of the tile-section being provided with recesses corresponding in number and position to the loops, so that the loops of the section next below will lie in
70 said recesses when the tile-sections are superposed.

In testimony whereof I hereunto affix my signature, in the presence of two witnesses, this 11th day of March, 1904.

ADEN MERKLEY.

Witnesses:

J. T. EDSON,
H. L. LELAND.