(No Model.)

G. W. OVERALL.

TILE FOR WELLS AND CISTERNS.

No. 265,277. Patented Oct. 3, 1882.

Fig. 1.

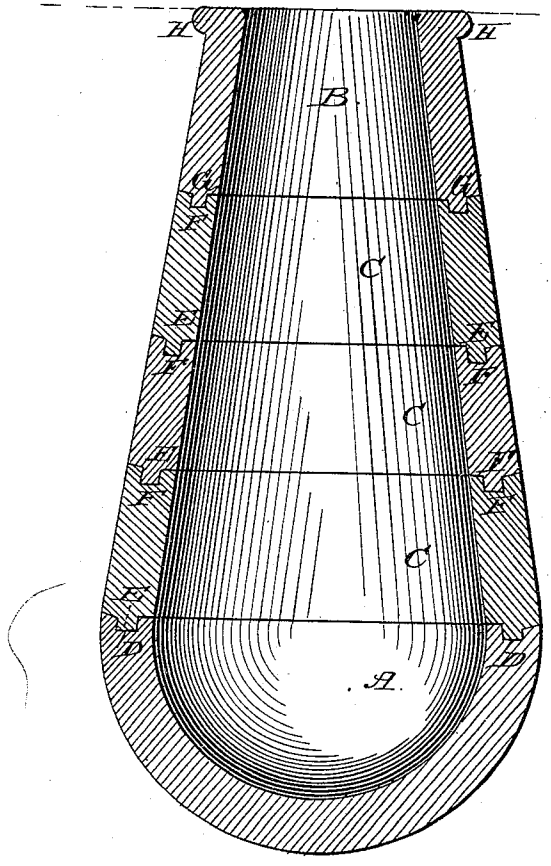
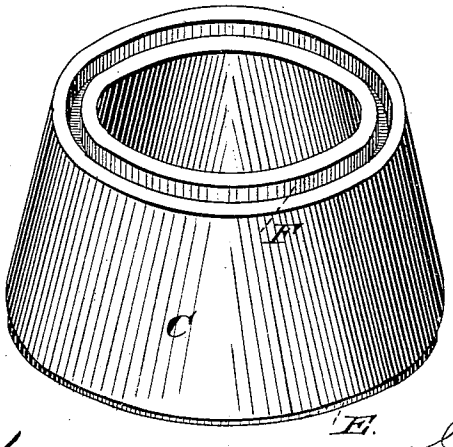


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE W. OVERALL, OF MEMPHIS, TENNESSEE.

TILE FOR WELLS AND CISTERNS.

SPECIFICATION forming part of Letters Patent No. 265,277, dated October 3, 1882.

Application filed May 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. OVERALL, of Memphis, in the county of Shelby and State of Tennessee, have invented certain new and useful Improvements in Tiles for Wells and Cisterns; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a vertical sectional view of my improved cistern, and Fig. 2 is a detail view, in perspective, of one of the intermediate sections composing the same.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to cisterns or water-reservoirs; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claims.

My improved cistern is constructed of a bottom section, A, a top section, B, and one or more intermediate sections, C, all molded or formed in any suitable manner of clay, cement, artificial stone, or of any other material suitable for the purpose intended. The lowermost or bottom section, A, which may be of any suitable size, is bowl-shaped, as shown, and its upper edge is provided with an annular groove, D. The intermediate section or sections, C, are tubular in shape and tapering, as shown, each section being smaller than the one below, so as to form a gradual incline in an upward direction. Each section C is provided at its lower edge with an annular flange or tongue, E, and at its upper edge with an annular groove, F. The top section, B, is tubular and tapering, so as to form a continuation of the section C next below it. Said top section, B, is provided at its lower edge with a tongue or flange, G, to enter the groove of the section next below, and at its upper edge it is provided with a strengthening or re-enforcing rim, H, forming the mouth of the cistern.

In operation, a suitable excavation is made, and the bowl or bottom section, A, carefully set therein. Mortar or cement is now placed in the groove D, and the first intermediate section, C, is then lowered and set with its flange E in the cement in groove D, which soon hardens and forms a water-tight joint. Other sections C may now in like manner be added, and finally the top section, B, which completes the curbing of the cistern, around which the earth may then be packed.

By my invention a cistern may be easily constructed of any desired capacity by using any desired number of the intermediate sections, C, before the top section, which is fitted to the uppermost intermediate section, is put in place. The sections may be made of burnt clay or tiling, which is absolutely water-proof, and the joints herein described make the cistern absolutely tight, so as to prevent it from absorbing impurities from the earth in which it is set.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. A cistern consisting of a bowl-shaped bottom section, tubular tapering intermediate sections, and a top section, all constructed and arranged substantially as set forth.

2. The herein-described cistern-curbing, consisting of the bowl-shaped bottom section, A, having groove D, one or more tubular tapering intermediate sections, C, each having a tongue or flange, E, and groove F, and the top section, B, having tongue G and rim H, as and for the purpose set forth.

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

GEORGE WHITFIELD OVERALL.

Witnesses:

FRANKLIN BAKER,

R. H. BEARD.