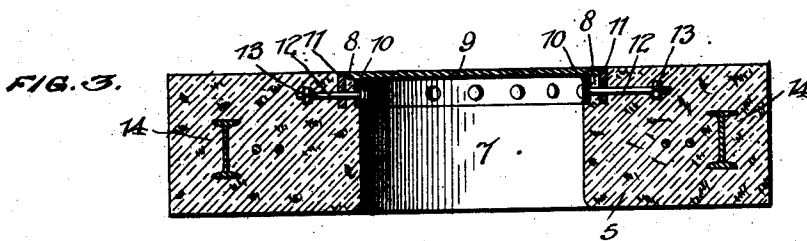
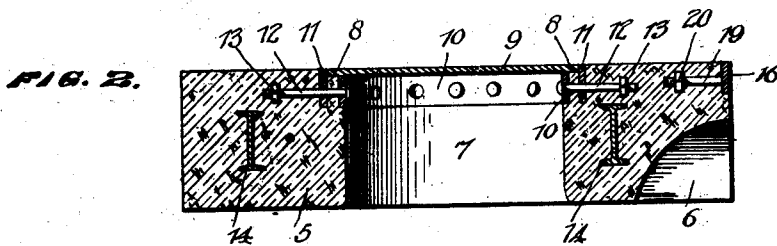
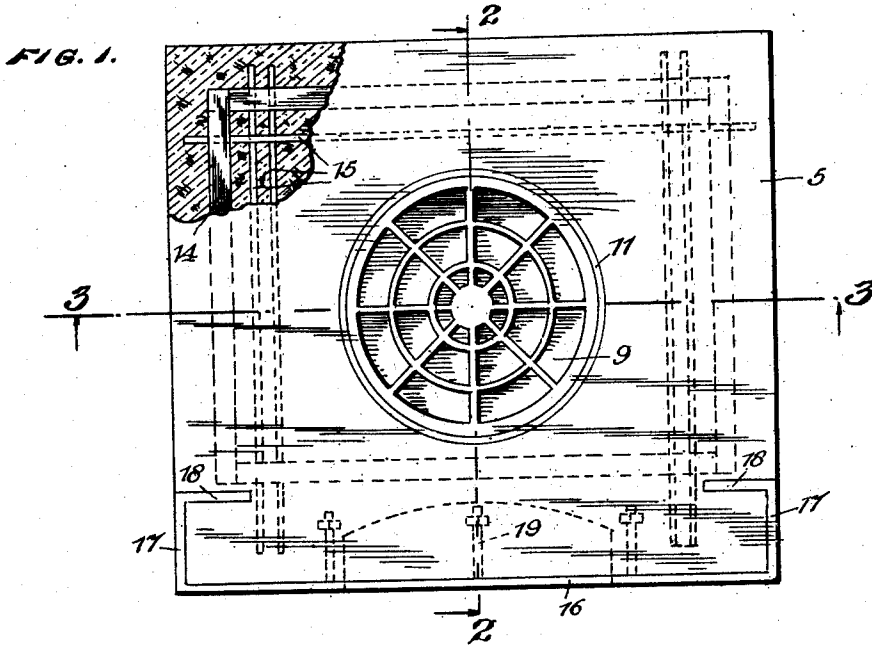


E. F. KENNELLY.
ARTIFICIAL STONE SEWER CAP.
APPLICATION FILED FEB. 6, 1908.

901,536.

Patented Oct. 20, 1908.



WITNESSES

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EDWARD F. KENNELLY, OF BOSTON, MASSACHUSETTS.

ARTIFICIAL-STONE SEWER-CAP.

No. 901,536.

Specification of Letters Patent.

Patented Oct. 20, 1908.

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To all whom it may concern:

Be it known that I, EDWARD F. KENNELLY, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Artificial-Stone Caps, of which the following is a specification.

My invention relates to artificial stone sewer caps, and particularly contemplates the provision of a device of this character which will be just as durable, while cheaper than natural stone.

My invention relates particularly to certain improvements in artificial stone sewer caps to be used in connection with my improved device of this character for which application for Letters Patent of the United States was filed July 12, 1907, and bears Serial No. 383,503.

My invention specifically resides in the following features of construction and arrangement to be hereinafter described with reference to the accompanying drawings forming a part of this specification, in which like numerals are used to designate like parts throughout the several figures, and in which,

Figure 1 is a top plan view of a sewer cap constructed in accordance with my invention, and partly broken away, to illustrate the reinforcing elements. Fig. 2 is a central vertical sectional view taken therethrough on the line 2—2 of Fig. 1, and Fig. 3 is a similar view taken on the line 3—3 of Fig. 1.

In the practical embodiment of my invention I provide a suitably molded artificial stone sewer cap comprising a rectangular body portion 5, having a recess 6, formed in the end face of its front edge, and constituting the sewer inlet. The body portion 5 is further formed with a central circular man-hole opening 7 therethrough, said opening having a circular cut out portion 8 extending around its upper edge and forming a seat for the conventional form of man-hole cover 9. Seated within the wall of the opening 7 with its upper edge flush with the surface of the cut out portion 8, is a reinforcing metallic band 10, having a plurality of openings therein. Embedded within the material of the body portion 5 with its upper edge flush with the upper surface of the said body portion, and extending around the cut out portion 8, in parallelism with the band 10, is a second reinforcing band 11, provided with openings adapted to register with the openings of said

band 10 for a purpose to be hereinafter described. The material of the body portion 5 thus extends upwardly between the reinforcing bands 10 and 11, said material therebetween and said band 10, serving to support the cover 9, and said band 11 serving to prevent said cover from cracking or chipping the material at the outer edges of the cut out portion 8.

In molding the sewer cap as thus far described, the bands 10 and 11 are first inserted in their proper places, headed reinforcing bolts 12 being thrust through the aligned openings of the bands 10 and 11 and provided with nuts 13 upon their ends, which bolts and nuts are embedded within the material of the body portion 5 as shown.

In Fig. 1 of the drawings, I have illustrated a substantially rectangular wooden reinforcing frame 14, provided with internal metallic supporting rods 15, as described and claimed in my application above referred to, although I may just as well employ a supporting frame comprising an I-beam 14', of any shape, as shown in Figs. 2 and 3.

The upper front edge of the body portion 5, above its recess 6, is provided with a U-shaped reinforcing band 16, seated therein flush with the upper surface of said body portion to form the edge thereof, the angular ends 17 of said U-shaped band 16 being similarly seated for a short distance along the sides of said body portion, and having intumed extremities 18 extending within and adapted to be embedded within the material of the body portion 5. The band 16 is further provided with bolts 19, extending within the material of the body portion 5, and provided with nuts 20, similar to the bolts 12 and 13 of the man-hole reinforcing bands.

By the construction as described, I am enabled to provide a rectangular flush sewer cap which will be fully as durable as a natural stone construction, and which will in reality retain its original form for a much longer period inasmuch as chipping of the same is, to a great extent, prevented.

Having fully described my invention, I claim:

1. As a new article of manufacture, an artificial stone sewer cap having a central man-hole opening therethrough, provided with a circular cut out portion extending around its upper edge to receive a suitable cover, spaced concentric circular metallic re-

inforcing bands partially embedded within the material of said sewer cap, and adapted to receive said material therebetween, to form the upper circular edges of said man-
5 hole opening and said cut out portion, and provided with a plurality of alined openings, and anchoring bolts extending through said openings and having their inner ends pro-
10 vided with nuts embedded within the material of said sewer cap, substantially as described.

2. As a new article of manufacture, an artificial stone sewer cap having a recess formed upon the under surface of its front
15 edge and constituting the sewer inlet, and a U-shaped reinforcing band partially embedded within the material of said cap to

form the upper edge thereof, and having its angular ends similarly forming the upper edge of the sides of said sewer cap for a short distance thereon, and provided with inturned
20 extremities embedded within the material of said sewer cap, and anchoring bolts extending inwardly from said reinforcing band and having their inner ends provided with nuts em-
25 bedded within the material of said sewer cap, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD F. KENNELLY.

Witnesses

JOHN L. FLETCHER,
MYRON G. CLEAR.