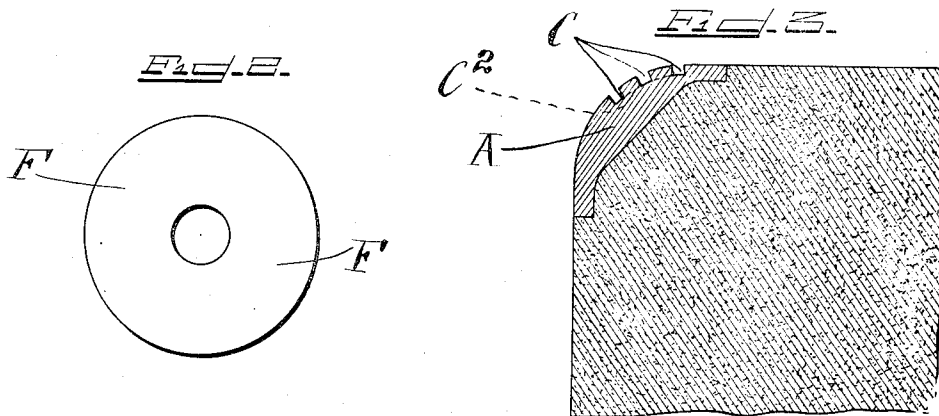
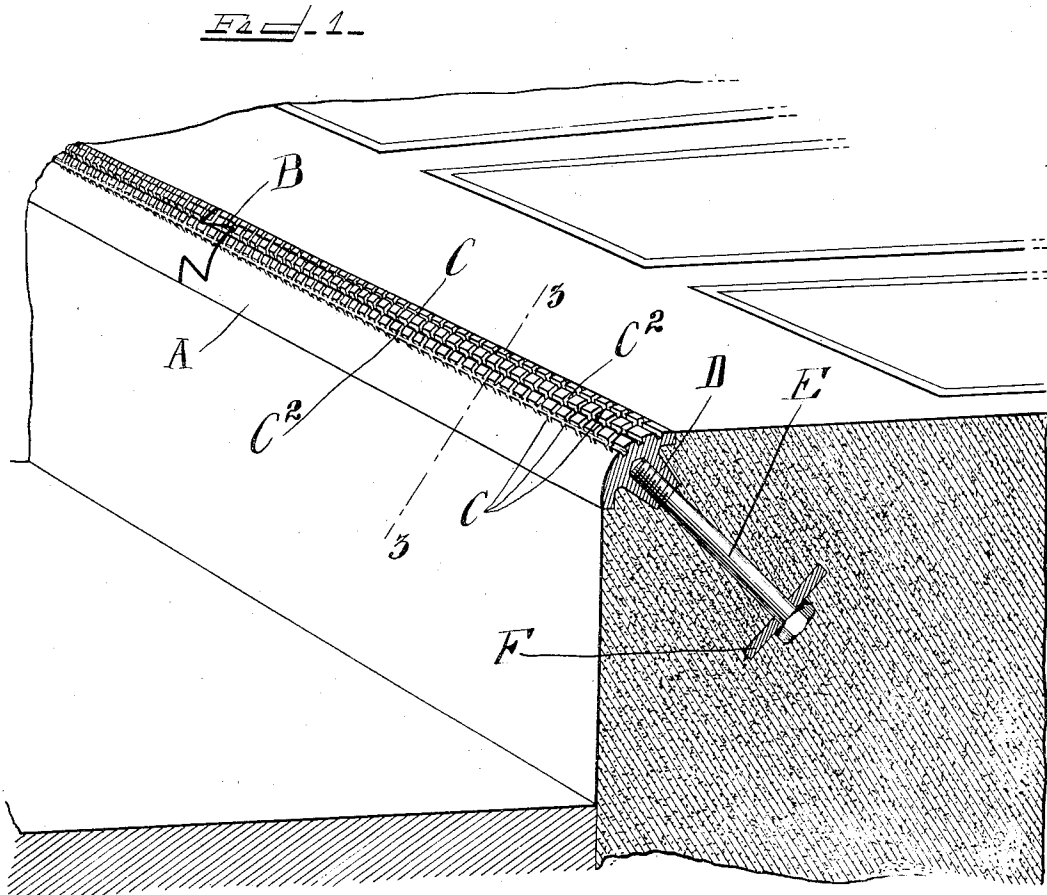


W. S. CLIFFORD.
 NOSING FOR CURB CORNERS.
 APPLICATION FILED FEB. 4, 1909.

940,432.

Patented Nov. 16, 1909.



Attest:

Pat. & Allen
C. S. Ashley

by

Inventor:
William S. Clifford
Karl Fanning
 his Atty

UNITED STATES PATENT OFFICE.

WILLIAM S. CLIFFORD, OF NEW YORK, N. Y.

NOSING FOR CURB-CORNERS.

940,432.

Specification of Letters Patent.

Patented Nov. 16, 1909.

Application filed February 4, 1909. Serial No. 475,984.

To all whom it may concern:

Be it known that I, WILLIAM S. CLIFFORD, a citizen of the United States, residing at Long Island City, borough of Queens, city of New York, county of Queens, and State of New York, have invented certain new and useful Improvements in Nosings for Curb-Corners, of which the following is a specification.

Curb corners made of concrete, cement or other so-called artificial stone material, are generally provided with some device for protecting them from injury by contact with vehicles, etc.

My invention relates to an improved device for this purpose.

It has been usual to insert at the corner of the curb a protective device made in long strips, the end joints of which are smooth.

I find that it is much more satisfactory to provide a dovetail joint between the ends of these strips, thereby affording a more sure and close joint and obviating any irregularity in the line of the curb. When these devices are made of metal they rapidly wear smooth and slippery. This condition is particularly noticeable when the streets are in a wet or icy condition. I have, therefore, provided a rough tread extending across all or part of my nosing.

The anchorage device generally employed is some sort of a web extending the entire length of the strip and usually integral therewith. I have found that a nosing may be produced which is much more easily handled and quite as securely held in position, if the anchorage device is simple and detachable and that it need not be continuous throughout the length of the strip.

Instead of using an especially constructed anchorage device, I use bolts and washers of a standard type which are cheap, efficient and readily procurable.

In the accompanying drawings I have shown one form of device involving my invention.

Figure 1 is a perspective view of a section of curbing protected by my improved nosing. Fig. 2 is a plain view of the washer

or anchorage plate. Fig. 3 is a section of the line 3—3 of Fig. 1 taken between anchorage devices.

My nosing consists of a strip A preferably of galvanized iron and preferably curvilinear in section, as shown in Fig. 3. The strips are cut at their ends, so as to engage each other in a dovetail joint B. Throughout the length of the strips are longitudinal grooves and projections C forming a roughened tread-way. At suitable intervals are transverse grooves C² to carry off water which would otherwise lodge in the longitudinal grooves. At suitable intervals on the inner side of the strip are provided hollow lugs, or projections D, the interiors of which are threaded to engage bolts E of suitable size which extend inwardly through the cement and on which are near their heads anchor plates F to insure a rigid engagement with the cement.

While I have shown the exterior section of my strip curved, it is evident that it might be rectangular in form, and also that the roughened tread might extend over the whole surface of the strip; while I have shown a circular washer-like anchor plate, a plate of any suitable form might be substituted therefor.

By galvanizing my nosing, I produce a color closely approximating the usual color of artificial curbing and because of the treatment it will not readily become discolored by rust.

I claim as my invention:

In a nosing for curb corners, galvanized strips, treads on the strips, dovetail joints between the ends of the strips, hollow lugs on the inner side of the strips, screw threads in the hollow lugs, bolts engaging the threads in the lugs, and separate circular anchor plates surrounding the bolts adjacent their heads.

Signed at New York this 2nd day of February, 1909.

WILLIAM S. CLIFFORD.

Witnesses:

RUTH E. ALLEN,
CHARLES BENNER.