

No. 850,866.

PATENTED APR. 16, 1907.

C. E. DE CLEMENTS.

CURBING.

APPLICATION FILED FEB. 9, 1907.

Fig. 1.

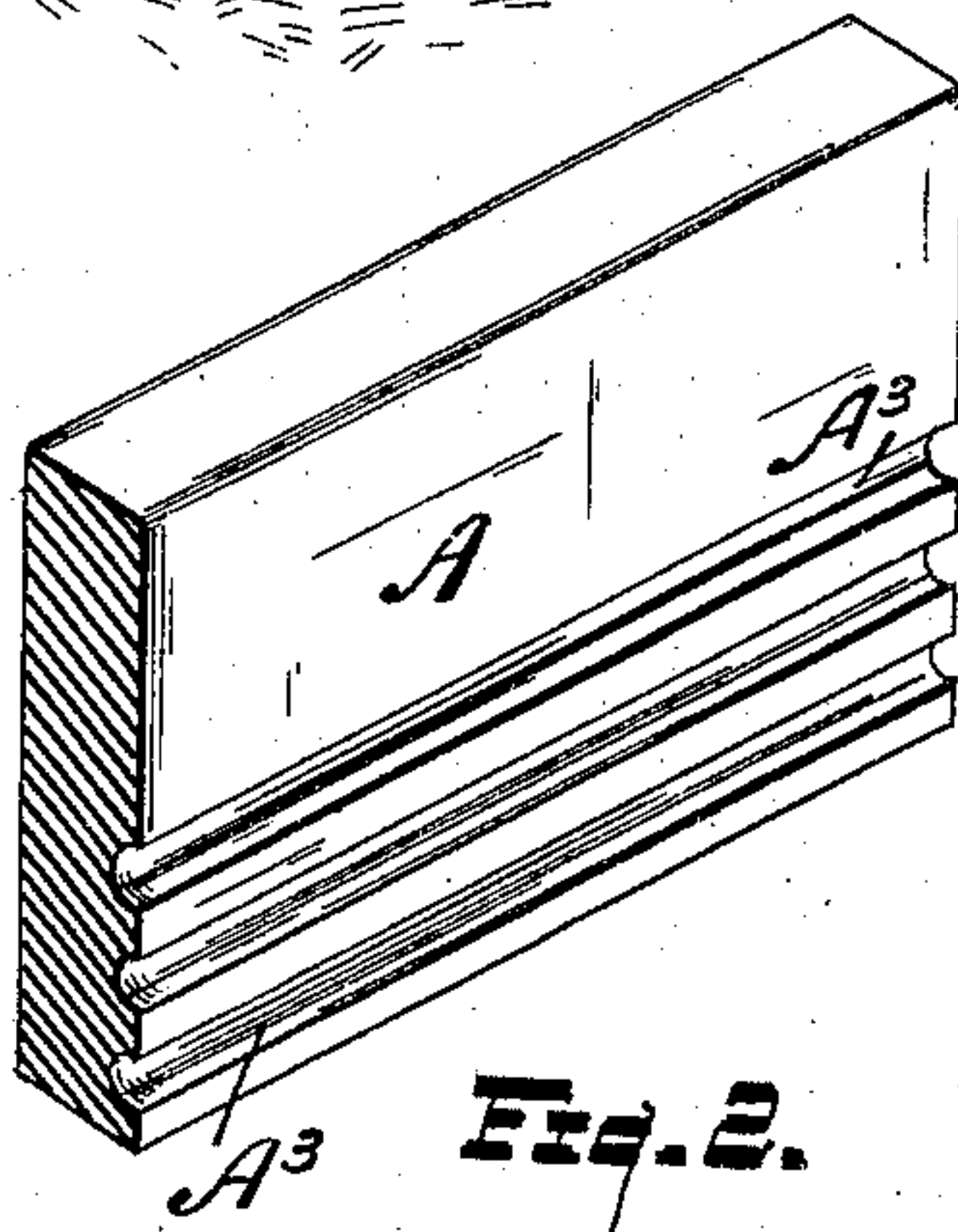
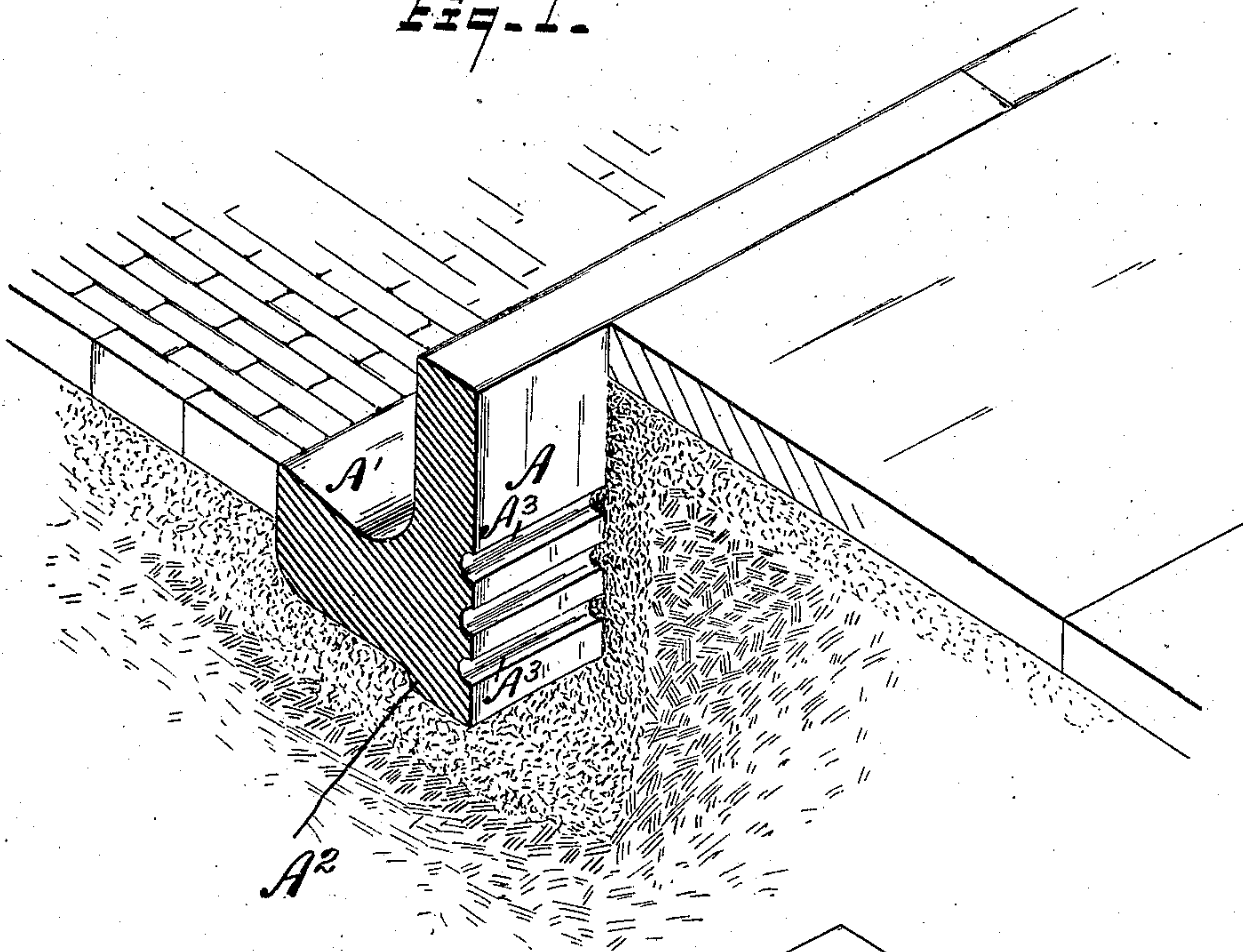


Fig. 2.

Inventor

Clinton E. De Clements

Witnesses

M. E. Thomas

F. R. Howard

By

F. E. Thomas

Attorney

# UNITED STATES PATENT OFFICE.

CLINTON E. DE CLEMENTS, OF DETROIT, MICHIGAN.

## CURBING.

No. 850,866.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed February 9, 1907. Serial No. 356,533.

*To all whom it may concern:*

Be it known that I, CLINTON E. DE CLEMENTS, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Curbing; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improvement in curbing, shown in the accompanying drawings and more particularly set forth in the following specification and claims.

In the drawings, Figure 1 is a perspective view of my invention, showing it in use. Fig. 2 is a perspective view showing it molded in the form of an ordinary curb, except that it is provided with longitudinal grooves on its sides.

One of the objects of my invention is to construct a street-curb of shale or other clay adapted for vitrification, the curb to be formed in suitable molds and afterward burnt, its surface being vitrified. By the employment of a vitrified or non-porous curb there is no opportunity for moisture to enter it and freeze, which is the chief cause of ordinary curb splitting or disintegrating.

Another object of the invention is to form the curb on the street side with a gutter or ledge and on its inner face with longitudinal grooves, which serve to anchor the curb when in position, it being customary at the present

time in most cities to fill in back of the curb on the sidewalk side with cement. The grooves are designed to receive the cement and hold the curb against the lifting action of frost.

Referring to the letters of reference shown on the drawings, A represents a curb formed of shale or other clay adapted to be vitrified. A' is a gutter formed on the street side. A<sup>2</sup> is a heel or ledge beneath the gutter, providing a holding-surface to guard against lateral movement or displacement. A<sup>3</sup> are longitudinal grooves formed on its inner face, designed to receive the cement usually employed next to the curb to secure the curb against upheaval through frost.

Having thus described my invention, what I claim is—

1. A curb formed of plastic material, burnt, and its outer surfaces vitrified, said curb provided with a gutter on one side and formed with longitudinal grooves on the other side of its upwardly-projecting wall, substantially as described.

2. A curb formed of plastic material, burnt, and its surface vitrified, having a gutter on one side of its upwardly-projecting wall, said wall being extended below the gutter a sufficient distance to form a heel or ledge A<sup>2</sup>, substantially as described.

In testimony whereof I sign this specification in the presence of two witnesses.

CLINTON E. DE CLEMENTS.

Witnesses:

SAMUEL E. THOMAS,

HENRY E. VILLEROT.