No. 640,075. Patented Dec. 26, 1899.

F. W. ARNOLD.

CURBING.

(Application filed Oct. 28, 1899.)

(No Model.)

Fig. 1

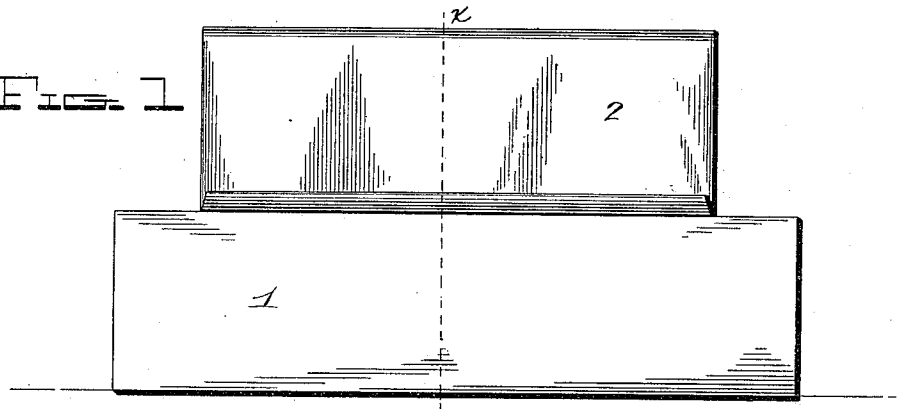


Fig. 2

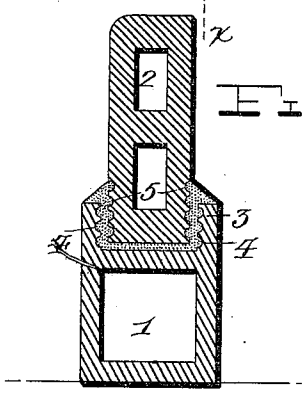
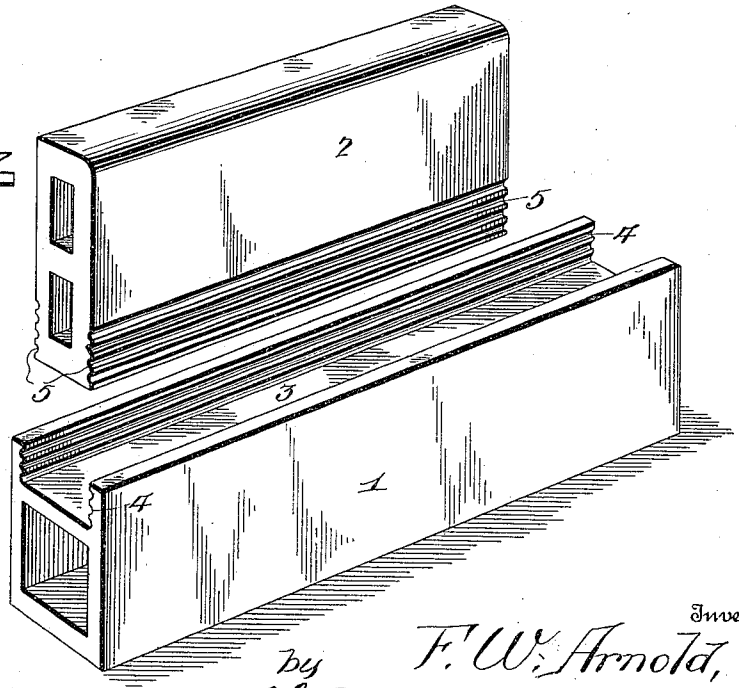


Fig. 3



Witnesses
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UNITED STATES PATENT OFFICE.

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CURBING.

SPECIFICATION forming part of Letters Patent No. 640,075, dated December 26, 1899.

Application filed October 28, 1899. Serial No. 735,015. (No model.)

To all whom it may concern:

Be it known that I, FRED WARREN ARNOLD, a citizen of the United States, residing at Cambridge, in the county of Guernsey and State of Ohio, have invented certain new and useful Improvements in Curbings; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to curbing.

The object of the invention is to provide a curbing which may be manufactured at a greatly-reduced cost and which will be durable in use.

To this end the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of my improved curbing. Fig. 2 is a vertical sectional view taken through the line *x x* of Fig. 1. Fig. 3 is a view of the base and top sections of the curbing separated.

In the drawings the same reference characters indicate the same parts of the invention.

1 denotes the base-section of the curbing, and 2 the top section. The base-section is of greater breadth than the top section and is provided at its upper edge with a recess 3, having longitudinal corrugations 4 on its side walls. The top section of the curbing fits within the recess and is provided with similar rows of corrugations 5.

In assembling the parts the top sections are fitted to the base-sections to break joint therewith, as shown in Fig. 1. Cement or like binder is first placed within the recesses of the base-sections and the top sections forced down into this mass of cement, and the spaces between the lower corners of the top sections and the inner side walls of the recesses of the base-sections are tamped with cement, which filling into the corrugations of both sections forms a mechanical lock and prevents withdrawal of the top sections from the base-sections.

In use the base-section is adapted to be buried in the ground below the surface and the earth packed tightly along its upper edge, and in this position it will be difficult for the said base-section to become dislodged by frost.

The sections are preferably made hollow, as shown, and serve as conduits for electric wires and cables. The material of which these sections are composed is preferably clay vitrified.

From the foregoing description, taken in connection with the accompanying drawings, the construction and advantages of my improved curbing will be readily apparent without requiring an extended explanation.

It will be seen that my invention is simple, that its construction permits of its manufacture at small cost, and that it is exceedingly well adapted for the purpose for which it is designed, and it will of course be understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed and desired to be secured by Letters Patent is—

A curbing consisting of base and top sections arranged to break joint, the base-sections being provided with recesses to receive the lower end of the top sections, and the inner walls of the recesses of the base-sections and the outer walls of the top sections being corrugated and adapted to receive a binder of cement, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

FRED W. ARNOLD.

Witnesses:
ANDREW J. LINN,
ALVA B. HALL.