

(No Model.)

M. MAURER.
DEVICE FOR ROUNDING AND SMOOTHING THE EDGES OF ARTIFICIAL
STONE GUTTERS.

No. 460,645.

Patented Oct. 6, 1891.

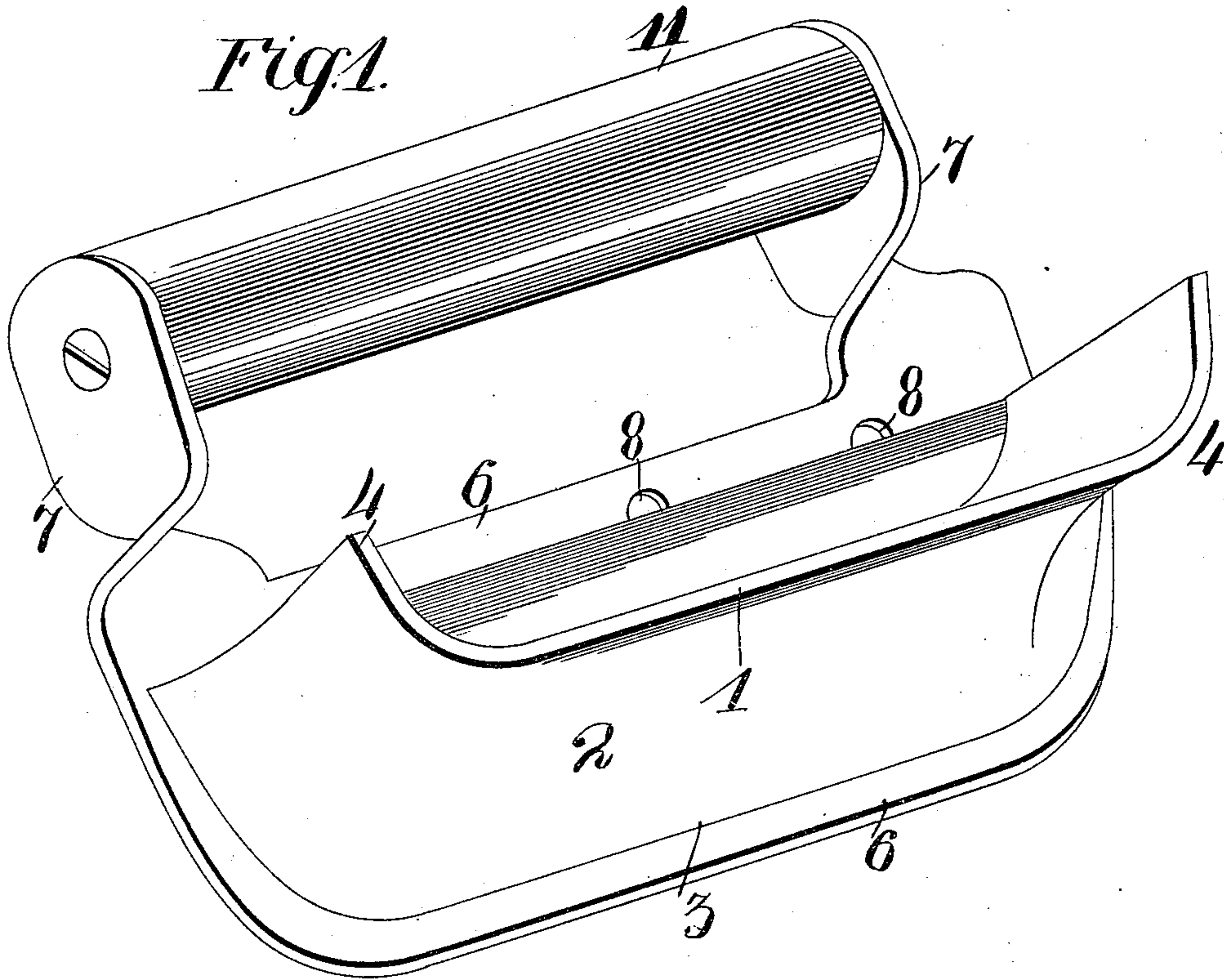


Fig. 2.

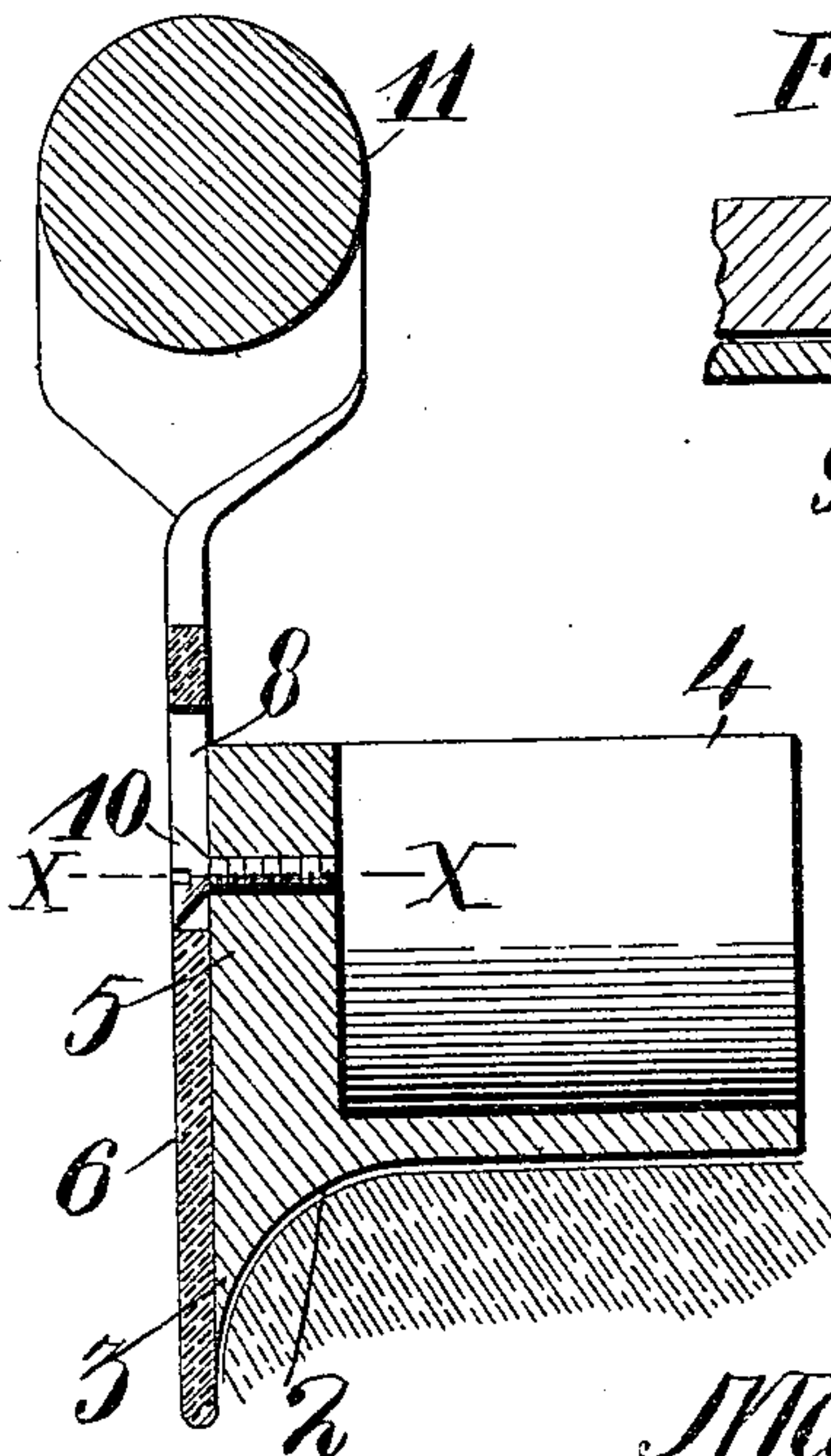
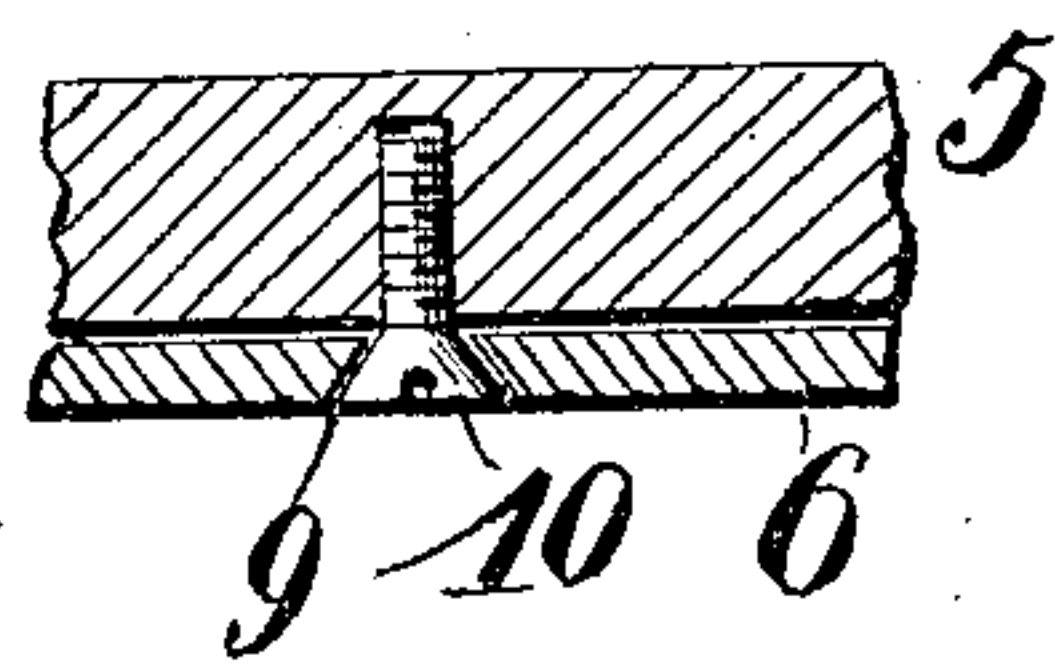


Fig. 3.



WITNESSES

W. D. Stollert.
Ed. E. Langan

INVENTOR
Martin Maurer.
Higdon & Higdon
Attorneys.

UNITED STATES PATENT OFFICE.

MARTIN MAURER, OF ST. LOUIS, MISSOURI.

DEVICE FOR ROUNDING AND SMOOTHING THE EDGES OF ARTIFICIAL-STONE GUTTERS.

SPECIFICATION forming part of Letters Patent No. 460,645, dated October 6, 1891.

Application filed June 29, 1891. Serial No. 397,844. (No model.)

To all whom it may concern:

Be it known that I, MARTIN MAURER, of the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Devices for Rounding and Smoothing the Edges of Artificial-Stone Gutters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to improvements in devices for rounding and smoothing the edges of artificial-stone gutters; and it consists in the novel arrangement and combination of parts, as will be more fully hereinafter described, and designated in the claim.

In the drawings, Figure 1 is a perspective view of my complete invention. Fig. 2 is a cross-section of the same as applied to the edge of a gutter, and Fig. 3 is a section taken on the line *xx* of Fig. 2.

The object of my invention is to construct a tool which may be used for rounding and smoothing the edges of artificial-stone-constructed gutters.

Referring to the drawings, 1 indicates the smoothing-plate, which may be constructed of any suitable substance. Said plate is provided with a curved portion 2, of any desired radius of curvature, depending, of course, upon the desired form of the edge of the gutter. Said plate is also provided with a tapering edge 3. The general outline of the smoothing-plate is clearly illustrated in Figs. 1 and 2. Said plate 1 is further provided with upturned ends 4, so that the tool may freely slide over the edge of the gutter whenever the same is used. Said plate 1 is provided with a solid face 5, which is cast integrally with the tapering edge 3 and also with said face. Said solid face 5 is provided with screw-threaded holes or perforations for the insertion of screws. Secured to said solid face 5 in the manner as will be more fully hereinafter described is a face-plate 6, composed of

hardened steel. Said face-plate 6 is adjustable upon the solid face 5 and is used as a protection for the tapering edge 3.

The position of the face-plate 6 of the solid face 5 is thoroughly illustrated in Fig. 2. Said face-plate 6 is provided with perforated ears 7, which are formed integrally therewith, and also with vertically-elongated slots 8. Said slots 8 are provided with inclined sides 9, so that the heads of screws 10 for securing said face-plate to the solid face 5 may be embedded in said vertically-elongated slots and be flush with the face of said face-plate, as illustrated in Figs. 2 and 3.

11 indicates a handle by which the tool is manipulated, said handle being secured to perforated ears 7 in any suitable and mechanical manner, preferably, however, as illustrated in Fig. 1.

The operation of the tool comes in the scope of ordinary judgment and requires no elucidation, premising, however, that Fig. 2 illustrates the application of the tool to the edge of the gutter.

Having fully described my invention, what I claim is—

In a device for smoothing the edges of artificial-stone gutters, a plate 1, having a solid face 5, provided with apertures for the reception of screws, and a horizontal portion extending at right angles to said solid portion, having a curved under surface 2 and curved upturned ends 4, a face-plate 6, provided with vertical slots 8, screws passing through said slots and into portion 5, ears 7 on plate 6, and a handle 11, secured between said ears, substantially as described.

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

MARTIN MAURER.

Witnesses:

C. F. KEELER,
ED. E. LONGAN.