

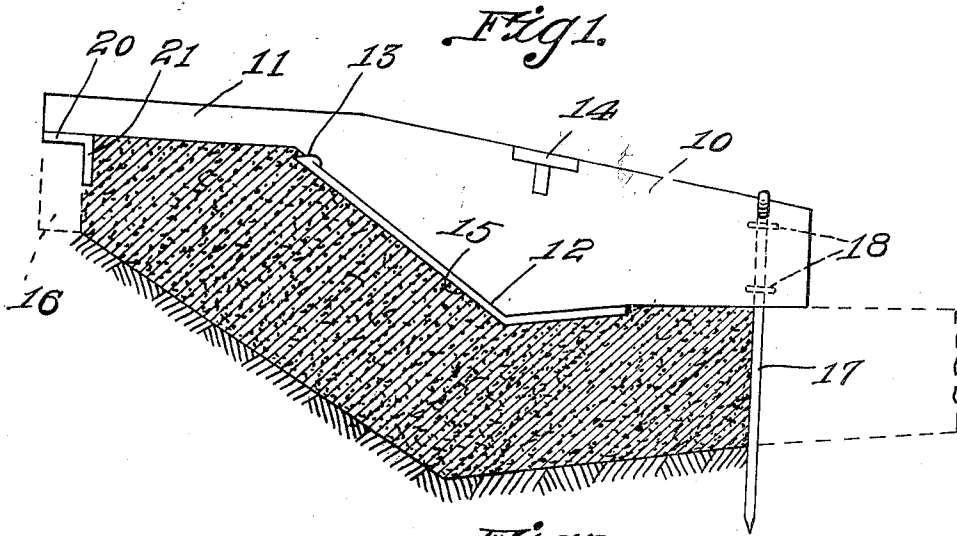
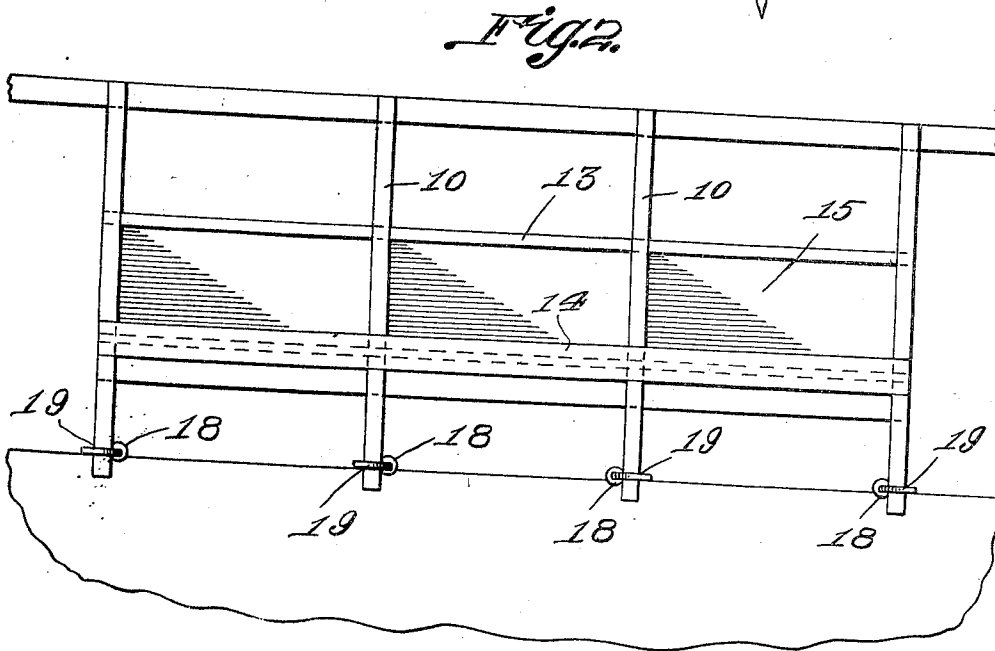
Aug. 31, 1926.

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1,598,332

GUTTER FORM

Filed Dec. 22, 1925



Witness

WITNESS:

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UNITED STATES PATENT OFFICE.

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GUTTER FORM.

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This invention comprehends the provision of a form for the construction of a concrete gutter, and embodies a construction and arrangement of parts whereby a gutter can be laid with a minimum of time, labor and cost.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawing, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawing forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:

Figure 1 is a side elevation of the form showing how it is used for the purpose intended.

Figure 2 is a top plan view.

The form constituting the subject matter of the present invention embodies a plurality of spaced supports 10, arranged in parallelism, and each preferably of the contour illustrated in the drawing. In this connection it will be noted that each support is provided with a reduced portion 11, and an angular shaped lower edge portion 12. These supports are connected together by a transverse member 13, and also by a brace 14. This brace is seated in notches formed in the corresponding upper edges of the supports 10, and is disposed for use in the capacity of a foot rest for men shoveling concrete or the like from the rear of the form, as will be readily understood. Attached to the lower edges of the supports 10 is an angular shaped plate 15, which corresponds to the shape of said lower edges, and constitutes what I term a form surface. In addition to the supports 10 the form also embodies a side member 16 upon which the adjacent reduced portions 11 of the supports repose, thus supporting the latter at this end, as shown. The other end of the supports 10 are supported by pins 17, each of which is passed through spaced eye members 18 associated with the particular support, and adapted to be driven into the ground, as shown. The upper end of each pin 17 is curved to form a hook 19 which straddles the upper edge of the particular support 10. The side member 16 is arranged upon the highway and arranged in a proper position for use, after which the supports 10 are arranged upon

the side member, and then secured in position for use by means of the pins 17. Carried by the reduced portions 11 of the supports 10 is an angle plate, one branch 20 of which is adapted to repose upon the side member 16, while the other branch 21 constitutes a stop adapted to engage the adjacent side of the member 16 to maintain the proper distance between the member 16 and the upper edge of the plate or form surface 15.

In using the invention, preferably three forms are employed with concrete of consistency of 10% above normal, one section being filled and allowed to set, while the other form is being poured, and the third being poured while the first is being set ahead. Each form is filled by dumping the concrete into the openings or spaces between the supports 10 next to the highway, and then filling the spaces from the rear side of the form by shoveling the concrete into these spaces between the form surface or plate 15 and the side member 16. The concrete is then spaded next to the form surface or plate 15 with a short handled concrete spader, thus removing all honey combs, and works the rock well back from the surface. The flat surfaces not covered by the forms are straight edges to level the surface before the form is removed, this taking place approximately fifteen minutes after the concrete has been poured into the form, and at which time any finish desired may be given the entire surface, such as a trowel, wood float or brush finish.

While it is believed that from the foregoing description the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein shown and described, and that such changes may be made when desired as fall within the scope of what is claimed.

Having thus described the invention, what is claimed as new, is:—

1. A form of the character described comprising spaced supports, a side member adapted to be arranged upon the highway, and upon which the adjacent ends of said supports are adapted to repose, an angular shaped plate arranged on the under sides of said supports and constituting a form surface, a stop carried by the supports and adapted to cooperate with said side member to provide the proper distance between the latter and the upper edge of said form sur-

face, and means for supporting the other ends of said supports from the ground.

2. A form of the character described comprising spaced supports, a side member adapted to be arranged upon the highway, and upon which the adjacent ends of said supports are adapted to repose, means for supporting the other ends thereof from the ground, an angular shaped plate carried by the under sides of said supports and constituting a form surface, and a brace connecting all of said supports and lying flush with the upper edges thereof, and adapted to be used as a foot rest.

3. A form of the character described comprising spaced supports, each including a reduced end portion, and a relatively wide portion having an angular shaped lower edge, a side member adapted to be arranged upon the highway and upon which the corresponding reduced portions repose, a plate shaped to conform to the contour of the

angular edges of said supports and secured thereto to provide a form surface, and means for supporting the other ends of said supports from the ground.

4. A form of the character described comprising spaced supports, a side member adapted to be arranged upon the highway, and upon which the adjacent ends of said supports repose, an angular shaped plate carried by the lower edges of said supports and constituting a form surface, spaced eyes carried by each support adjacent the other end thereof, and hook-like elements adapted to be passed through said eyes and driven into the ground, with the hook portions straddling the upper edges of said supports as and for the purpose specified.

In testimony whereof we affix our signatures.

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