

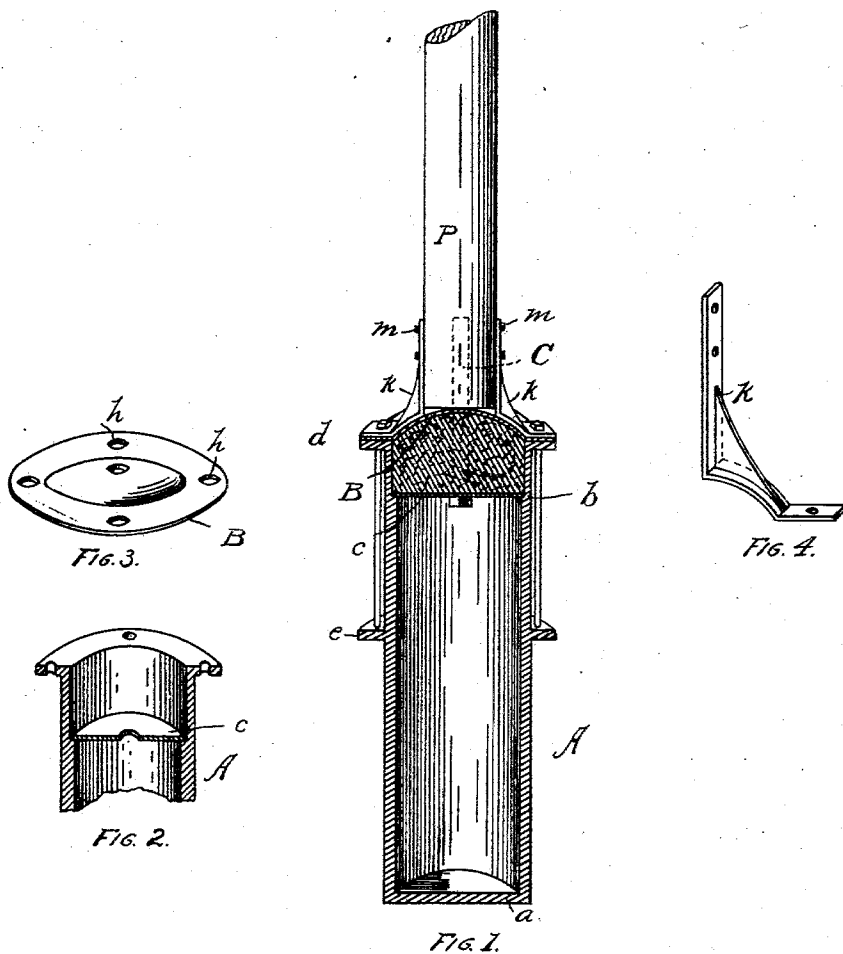
No. 634,672.

Patented Oct. 10, 1899.

W. PERRY.
FENCE POST BASE.

(Application filed Mar. 31, 1899.)

(No Model.)



WITNESSES
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UNITED STATES PATENT OFFICE.

WILLIAM PERRY, OF COLE'S STATION, MICHIGAN.

FENCE-POST BASE.

SPECIFICATION forming part of Letters Patent No. 634,672, dated October 10, 1899.

Application filed March 31, 1899. Serial No. 711,308. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM PERRY, a citizen of the United States, residing at Cole's Station, county of Oakland, State of Michigan, have invented a certain new and useful Improvement in Fence-Post Bases; and I 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 pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to bases for fence-posts, and has for its object an improved fence-post base easily and cheaply manufactured, indestructible by the elements, and easily used. The base itself is of either clay or cement, and upon the base is supported a wooden post which is wholly above ground and therefore protected from that destructive action of moisture which is injurious to posts that are partially above the ground and partially embedded therein. Furthermore, the base itself remains in position uninjured, and should the wooden post part be injured it can easily be removed and another wooden post placed on the base.

In the drawings, Figure 1 shows the base and wooden post in sectional elevation. Fig. 2 is a detail of the top. Fig. 3 is a detail of the plate which caps the base. Fig. 4 is a detail of the brace by means of which the wooden post is secured to the base.

The base is made hollow, of substantially the same diameter at top and bottom. Its bottom end *a* is closed. At its top end, at a short distance below the extreme top, there is a ledge or flange *b*, on which to rest a plate *c*. At the extreme top and on the outside is a flange *d*, extending entirely around the base. Intermediate the top and the bottom, preferably about midway between the two ends of the base *a*, is a collar or flange *e*. A dished cap-plate *B* closes in the top end of the base, and preferably under the dished cap-plate and between it and the plate *c* is cemented, making an impervious wall at the top end of material that is not liable to be destroyed by water or mois-

ture. Through the plate *c* and through the cement above it and through the cap-plate *B* extends a pin or bolt *C*, and the bolt *C* projects above the cap-plate for several inches. The cap-plate *B* is secured to the base by means of bolts that pass through holes *h* and *h'*, and the same bolts are utilized to hold the bottom ends of the brace-irons *k*.

The flange *e* is useful to prevent the frost from heaving the base, and if greater strength is desired in the connection between the brace-irons *k* and the base the bolt which holds the cap-plate to the base may be extended down through the flange *e*, which has holes through it for that purpose.

The top filling of cement prevents the entrance of moisture to the interior of the base and obviates the liability to fracture from the freezing of moisture gathered within the base. The cap-plate *D* is dished and is convex upward, and the squared-off base of the wooden part *P* of the post rests on this, and there is no space between the two in which moisture can remain, for the bottom of the wooden part of the post is practically as dry as any other part of the picket. The wooden part is held securely by the braces *k* and the bolts *m*.

What I claim is—

1. In a fence-post base, a hollow casing having a closed bottom, and with an internal flange near the top, an external perforated flange at the extreme top, and a flange intermediate the extreme top and the bottom; in combination with a plate resting on the said internal flange; a cement filling resting on said plate; a dished metallic plate crowning upward and provided with holes arranged to register with the holes in the flange at the top of the base; and braces arranged to be secured by bolts to the base and to a wooden post resting on the top of the base; substantially as described.

2. In a fence-post base, a hollow casing having a closed bottom, and with an internal flange near the top, an external perforated flange at the extreme top, and a flange intermediate the extreme top and the bottom; in combination with a plate resting on the said

internal flange; a cement filling resting on
said plate; a dished metallic plate crowning
upward and provided with holes arranged to
register with the holes in the flange at the top
5 of the base; a central pin embedded in the
cement and projecting upward through the
dished plate and the braces; and braces ar-
ranged to be secured by bolts to the base and

to a wooden post resting on the top of the
base; substantially as described. 10

In testimony whereof I sign this specifica-
tion in the presence of two witnesses.

WILLIAM PERRY.

Witnesses:

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C. C. JENNINGS.