

No. 811,451.

PATENTED JAN. 30, 1906.

D. A. SMITH.

FENCE POST.

APPLICATION FILED DEC. 27, 1904.

Fig. 1.

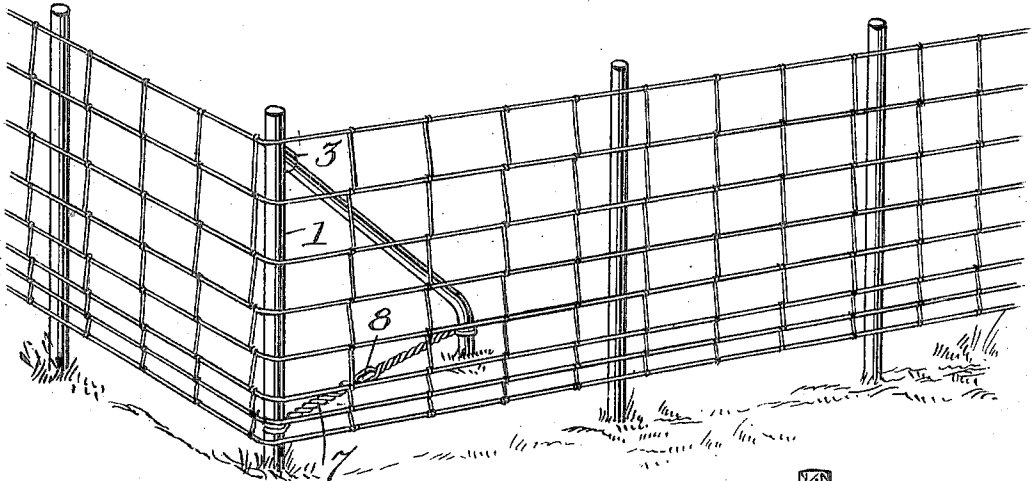
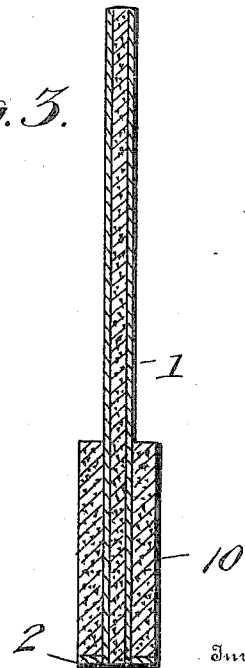
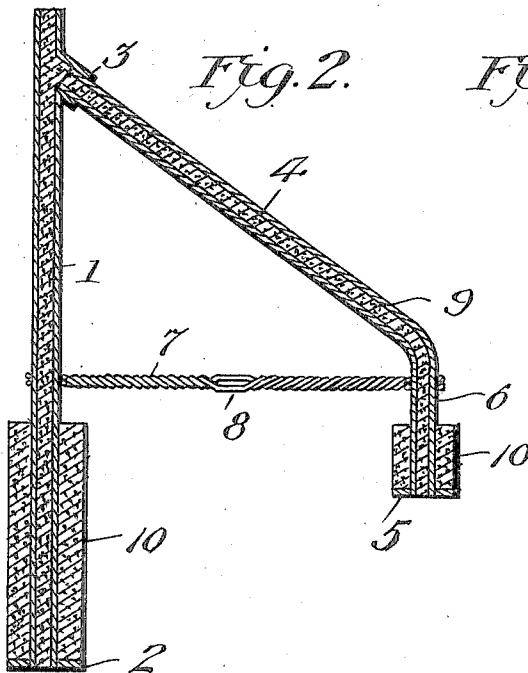


Fig. 2.

Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

DELOS ALFRED SMITH, OF WEBBERVILLE, MICHIGAN.

FENCE-POST.

No. 811,451.

Specification of Letters Patent.

Patented Jan. 30, 1906.

Application filed December 27, 1904. Serial No. 238,348.

To all whom it may concern:

Be it known that I, DELOS ALFRED SMITH, a citizen of the United States, residing at Webberville, in the county of Ingham and State of Michigan, have invented new and useful Improvements in Fence-Posts, of which the following is a specification.

My invention relates to fence-posts; and its primary object is to provide a novel and highly useful device of this character adapted for use at the corners of the fence and which can be easily and cheaply constructed and quickly set up in applied position.

A further object of the invention is to provide a fence-post which is especially adapted for use at the corners of the fence and which is provided with a brace of novel construction adapted to retain the post in vertical alinement against accidental displacement.

The invention consists in the construction, combination, and arrangement of parts hereinafter more fully described, claimed, and illustrated in the accompanying drawings, which disclose the preferred form of my invention, and in which—

Figure 1 is a perspective view of a fence, illustrating the application of my improved fence-post. Fig. 2 is a central sectional view of the fence-post, and Fig. 3 is a similar view looking in the reverse direction.

Referring to the drawings by reference-numerals, 1 designates a fence-post which is preferably constructed of metal and hollow throughout its entire length. The lower end of the post is provided with a horizontally-disposed flange 2, and it is provided at a point adjacent its upper end with a laterally and downwardly projecting sleeve 3. 4 designates the brace, which is also constructed of metal and hollow throughout its entire length. The upper end of the brace 4 is firmly secured within the sleeve 3, and its lower end is provided with a flange 5 similar to the flange 2. The brace projects laterally from the post and has its lower portion 6 bent into parallel arrangement with the post 1. A tie-wire 7 has one end secured to the post 1 and its other end secured to the portion 6 of the brace 4. This tie-wire is constructed from several strands of wire twisted about each other in such a manner that a further

twisting thereof will cause the length of the wire to decrease materially. The tie-wire is adapted to prevent the lateral separation of the brace and post and is also provided with a central opening 8, into which a tool may be inserted to tension the tie-wire 7 when alining the post 1.

The post and brace are adapted to be filled with cement 9 in order to add strength and rigidity thereto, and the lower ends thereof are provided with cement anchors or bases 10, adapted to rest upon and be supported in applied position by the flanges 2 and 5. The post in this condition is adapted to be inserted in the ground, as illustrated in Fig. 1 of the drawings, and owing to the peculiar location and manner of connecting the brace 4 to the post 1 all strain exerted upon the post to distort the same will be taken up by the brace and the post will be at all times retained in vertical alinement. The tie-rod will at all times prevent the lateral separations of the bases of the post and brace, and when any slack occurs therein said slack may be taken up in the manner heretofore pointed out.

From the foregoing description, taken in connection with the accompanying drawings, the construction and advantages of my improved fence-post will be readily apparent without requiring any further extended explanation. It will be seen that the device is simple of construction, that said construction permits of its manufacture at small cost, and that it is exceedingly well adapted for the purpose for which it is designed.

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 as new is—

A fence-post hollow throughout its entire length and fully open at its ends, said post provided with an integrally-formed sleeve adjacent its upper end and with a horizontally-disposed supporting-flange at its lower end, a brace hollow throughout its entire length and fully open at its ends, one end of said brace being secured within said flange and bent intermediate its ends to dispose a

portion thereof in vertical alinement with
said post, a supporting-flange secured to the
lower end of the brace, cement filling for the
post and brace, cement bases secured above
5 the lower ends of the post and brace and sup-
ported by said flanges, and a tie-wire uniting
the post and brace.

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

DELOS ALFRED SMITH.

Witnesses:

JAS. H. SPENCER,
ELLEN SPENCER.