No. 813,966. PATENTED FEB. 27, 1906.

P. J. HARRAH.

FENCE POST.

APPLICATION FILED NOV. 21, 1905.

Fig. 1.

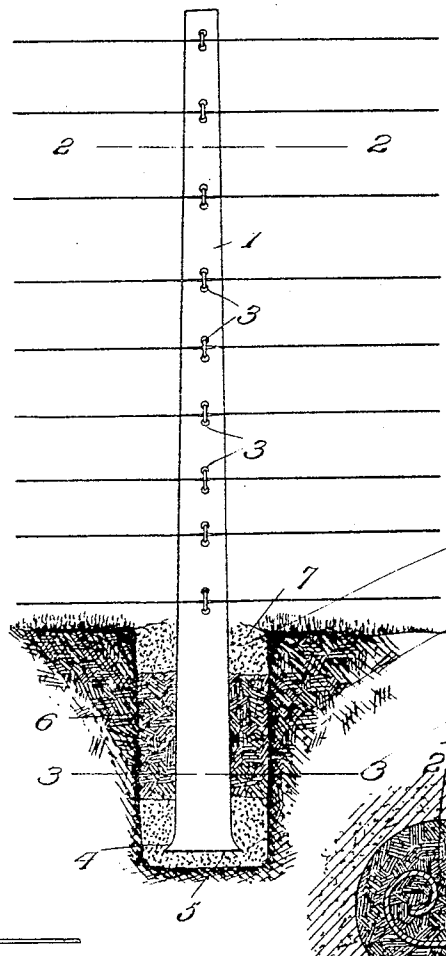


Fig. 2.

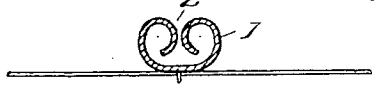
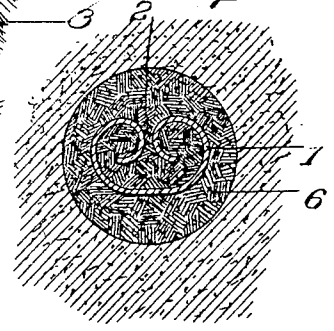


Fig. 3.



cem
"dirt"
cement

× PB Pl Insep ×

Inventor

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Witnesses

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By

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UNITED STATES PATENT OFFICE.

PHILIP J. HARRAH, OF BLOOMFIELD, INDIANA.

FENCE-POST.

No. 813,966. Specification of Letters Patent. Patented Feb. 27, 1906.

Application filed November 21, 1905. Serial No. 288,502.

To all whom it may concern:

Be it known that I, PHILIP J. HARRAH, of Bloomfield, in the county of Greene and State of Indiana, have invented certain new and useful Improvements in Fence-Posts; and I do hereby 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 object of this invention is to provide a fence-post which will be strong, light in weight, and durable and which will be so set in the ground as not to be affected by the frost.

The invention will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a side elevation with the base or anchorage in section. Figs. 2 and 3 are transverse sectional views on lines 2 2 and 3 3, Fig. 1.

Referring to the drawings, 1 designates the fence-post, which is made from a single piece of sheet metal bent into approximately duplex scroll shape—that is to say, each edge of the post is bent or curved inwardly on itself, the extreme edge not being visible through the opening 2 formed between the two bends. That portion of the post directly opposite the opening 2 is flattened to form a firm bearing for the fence-wires and is also formed with perforations 3 for the binding-wires. The post is tapered throughout its length, being made from strips of metal cut on tapered lines. In this way I secure the necessary lightness without impairing the strength of the post, since that portion which is at the ground-line, where the most strength is needed, is sufficiently broad to withstand all ordinary strain, while the upper portion, upon which there is not much strain, involves considerably less material. At its bottom the post is flared outwardly, as at 4, so as to secure a firm anchorage.

To prevent the loosening of the support by frost, I make the anchorage of a lower stratum 5 of cement, then a stratum 6 of ordinary dirt, and then an upper stratum 7 of cement, the dirt being well tamped before the top stratum is added. An anchorage thus formed is inexpensive and durable and insures the retention of the post, especially since the latter is tapered throughout its length and is flared at its lower end. Furthermore, the cement and dirt working into the interior of the post around the duplex scroll-like edges thereof furnishes a firm base for the post.

The advantages of my invention are apparent. By giving the edge of the tapering post a double scroll-like formation the strength thereof is greatly enhanced, and in addition the fingers of a person tying the binding-wires are not liable to be injured by contact with the edges of the metal.

I claim as my invention—

1. A fence-post composed of a single sheet of metal bent, in cross-section, into a double scroll-like formation with a space between its bent or rounded portions, that portion of the post opposite said space being flat to accommodate the fence-wires and formed with perforations for the binding-wires.

2. A fence-post having its edges bent or rolled inward to form a double scroll-like formation, in cross-section, and flared at its lower end, and an anchor consisting of a lower stratum of cement, a stratum of dirt, and an upper stratum of cement.

3. A fence-post composed of a single tapering sheet of metal bent, in cross-section, into a double scroll-like form, with a space between its bent or rounded portions, the upper portion of the post being of considerably less cross-sectional area than the lower portion.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

PHILIP J. HARRAH.

Witnesses:

JOHN MOFFETT

DELLA HARREL.