72

No. 819,637. PATENTED MAY 1, 1906.

A. P. DIESCHER.

METAL FENCE.

APPLICATION FILED JAN. 24, 1905

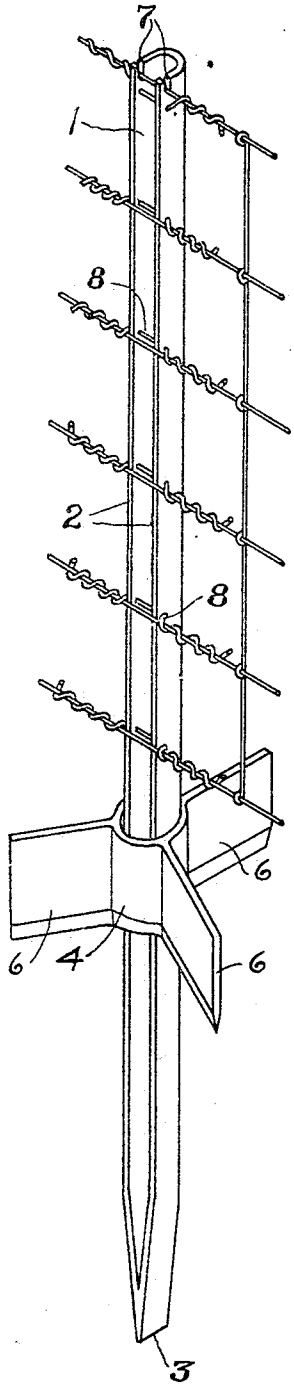

FIG. 1.

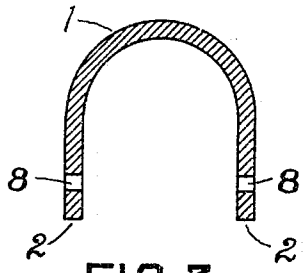

FIG. 3.

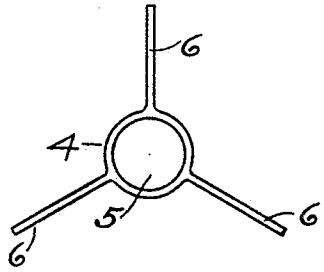

FIG. 4.

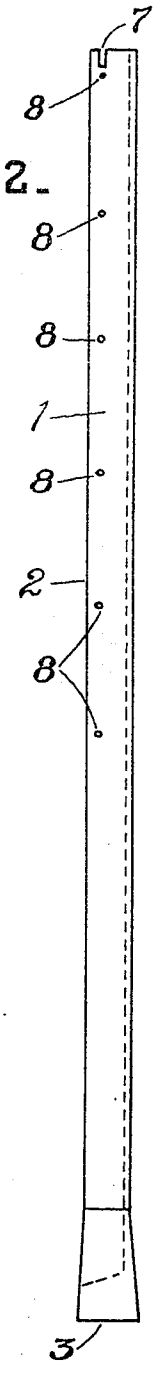

FIG. 2.

WITNESSES:
Elva Staniek
M. A. Buchman

A. P. Diescher,
INVENTOR
by Pierce & Barber
his Attys

ANDREW B. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

AUGUST P. DIESCHER, OF PITTSBURG, PENNSYLVANIA.

METAL FENCE.

No. 819,637. Specification of Letters Patent. Patented May 1, 1906.

Application filed January 24, 1905. Serial No. 242,477.

To all whom it may concern:

Be it known that I, AUGUST P. DIESCHER, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented or discovered new and useful Improvements in Metal Fences, of which the following is a specification.

My invention relates to metal fences, and more especially to woven-wire fences with metal posts.

Some of the objects of my invention are to provide a post which will not during driving be turned out of the line of the fence by contact with obstructions, to provide for the post an anchor which will avoid obstructions met during its being driven to place, to support the wire fabric on the post during stretching, and to bind the fabric tightly against the post after completion of the stretching.

Referring to the drawings, Figure 1 is a perspective of my invention; Fig. 2, a side view of one of the posts to which I secure the fabric; Fig. 3, a cross-section of said post, and Fig. 4 a plan of the post-anchor.

In the drawings, 1 represents a fence-post consisting of a metal plate bent to **U** shape, the edges 2 thereof forming two lines of contact with the metal fabric, which lines of contact are the cut, raw, or unfolded edges of the original plate from which the post is made. The back of the post is preferably made on the arc of a circle; but it may be **V**-shaped or have any other cross-section.

The lower end of the post is provided with the chisel-like or sharp edge 3, which stands, preferably, at right angles to the line of the fence. By so locating the edge 3 the post will, when it strikes a stone or other obstruction, be deflected in the plane or line of the fence, whereby the linear arrangement of the posts will be preserved.

As shown in Fig. 1, the chisel end is formed by converging the sides of the post to an edge which stands parallel with the said sides. The meeting sides are preferably welded together so as to present no seam, as shown in Fig. 1.

On the post is the anchor which preferably has the central portion 4 having the circular opening 5, in which the post rests. The portion 4 is provided with three or more wings 6, preferably lying in vertical planes and having their lower edges sharp, as shown on Fig. 1. The wings have their outer ends in vertical planes and are preferably rectangular. Their lower edges are horizontal. After the post 1 has been driven the anchor 4 is slid down on the post and driven into the ground to firmly anchor it and prevent it from being moved out of the vertical position. If the anchor strikes a stone or the like it will turn on the post so as to pass by it, and if a root or similar obstruction be struck it will be severed.

Near the front edges 2 of the post the top is provided with a pair of notches 7, opening upwardly, which are to receive the top wire of the wire fabric and support the same during the stretching thereof and the securing the same to the post.

Arranged at intervals near the front edges 2 are pairs of horizontally-alined holes 8, the intervals corresponding to the spaces between the horizontal wires of the fence fabric. Anchor-wires or tie-wires 9 are passed through the pairs of holes 8 and the ends thereof are twisted around the horizontal wires, whereby the latter are drawn tightly against the edges 2 and the wires held from longitudinal movement. If desired, the winding may be performed so as to allow the fabric some travel on the post. All the horizontal wires of the fabric lie in front of the holes 8 except the top, which may remain permanently in the notches 7, if preferred.

It is clear that my improvement does not require a fabric, as it will be serviceable with horizontal wires not tied or woven into a fabric.

I do not restrict myself to the details shown and described, but claim protection on all elements and combinations which fairly fall within the spirit of my invention.

Having described my invention, I claim—

1. In a wire fence, a post composed of a metal plate bent to channel form and the sides of the channel form at the lower portion converged downwardly to form a chisel-like end.

2. In a wire fence, a post composed of a metal plate bent to **U** shape with its sides forming lines of contact for the wires, the said edges being the raw edges of the plate, and the said sides at the lower portion converging downwardly to form a chisel-like end.

3. In a wire fence, a post composed of a

metal plate bent to **U** shape with its sides forming lines of contact for the wires, the said edges being the raw edges of the plate, and the said sides at the lower portion converging downwardly to form a chisel-like end, in combination with a winged anchor, slidable and rotatable on said post.

Signed at Pittsburg, this 19th day of January, 1905.

AUGUST P. DIESCHER.

Witnesses:
F. N. BARBER,
A. M. STEEN.