

UNITED STATES PATENT OFFICE.

JAMES WILLIAM SHOCK, OF HUNTINGTON, INDIANA.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 773,298, dated October 25, 1904.

Application filed April 27, 1904. Serial No. 205,150. (No model.)

To all whom it may concern:

Be it known that I, JAMES WILLIAM SHOCK, a citizen of the United States, residing at Huntington, in the county of Huntington 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.

My invention relates to fence construction, and more particularly to the construction of a post which when anchored in the ground will prove of permanent and reliable character; and my invention consists of certain novel features of combination and construction of parts, as will be hereinafter clearly set forth, and pointed out in the claim.

The prime object of my invention is to provide a fence-post which will be useful for every variety of fence and which when once anchored in its operative position on the line of fence will prove of permanent and reliable character.

A further object is to form the post with a reinforcing center, which will still hold the parts of the post together if the same should become casually broken.

Another object of my invention, among others, is to provide simple and efficient means for readily connecting the wire direct to the post at any preferred point thereon.

Other objects and advantages will be hereinafter made clearly apparent, considered in connection with the accompanying drawings, which are made a part of this application, and in which—

Figure 1 shows a perspective view of my invention complete as applied to use upon a fence of the usual or any preferred construction. Fig. 2 is a longitudinal central section of my improved fence-post, showing a reinforcing medium located in the central part thereof. Fig. 3 is a detail view showing the reinforcing center employed by me. Fig. 4 is a sectional view of my post, taken on line 4 4 of Fig. 2. Fig. 5 is a detail view show-

ing the anchoring-clip employed by me to secure the fence-wire to the post.

In order to conveniently refer in the following description to the various details and co-operating accessories of my invention, numerals will be employed, the same numeral applying to a similar part throughout the several views.

It may be stated that the body of my fence-post is to be formed of cement, and within the central part of the body portion I locate a reinforcing member, which consists of a piece of suitable sheet-steel or other preferred material twisted upon itself in spiral form, as indicated in Fig. 3.

Referring to the numerals on the drawings, 1 designates the body portion of my post, which is formed, as above stated, of cement or other material, which may be rendered plastic and afterward will become thoroughly hardened. I prefer to form the body portion 1 triangular in cross-section and slightly tapered or reduced in size from the lower end up to the upper end thereof. It is obvious that the size of the spiral reinforcing member 2 shall be determined by the size of the post to be made, and it is furthermore obvious that should the post become broken the reinforcing member 2, of steel or other preferred material, as above stated, will hold the sections of the post together, the twisted or spiral form of the reinforcing member being designed to prevent the withdrawal of said member and at the same time prevent any twisting or relative movements of the two broken parts of the post, which might result if a simple rod were employed as a reinforcing member. I also provide during the molding process a plurality of notches or recesses 3 in one edge of the post, said recesses being at points upon said edge where they will be in position to receive one of the fence-wires, which latter may be secured and held in engagement with the post by an auxiliary stay-wire 4, wrapped entirely around the post at this point, as clearly shown in Fig. 1. If preferred, however, a securing-clip, as shown in detail in Fig. 5, may be embedded in the body of the

cement during the molding process. This anchoring or wire-securing member consists of a single piece of wire bent upon itself to provide the anchoring-loop 5, the two ends 5 being curved upon each other, as indicated by the numerals 6 and 7, and it is obvious that when the fence-wire 8 is placed between the crossed ends of the branches 6 and 7 and said branches twisted together over the same 10 said fence-wire will be reliably anchored in engagement with the post, but may again be easily separated therefrom, if desired. The loop member 5 being securely embedded in the body of the post insures that the out- 15 wardly-extending branches 6 and 7 will be reliably held in their operative positions.

In the formation of my post it may be stated that a suitable mold or a box-like receptacle is provided and the plastic cement placed 20 therein after the reinforcing member 2 has been properly disposed within the middle of the mold. The plastic material being then placed in the box or receptacle will surround the spiral reinforcing member 2 and become 25 hardened around the same, and after the hardening process has sufficiently advanced the finished post may be removed from the mold and placed aside ready for future use. The several recesses, of any desired size and 30 number, may also be readily formed by suitable devices fashioned in one corner of the mold, so that one edge only of the post will be provided with said recesses, the depth or size of said recesses being sufficient to in- 35 sure that the fence-wire will find a proper resting place therein. My fence-post may therefore be very cheaply and expeditiously manufactured and when once produced will be found to be practically indestructible, and 40 even should the post become casually cracked

or broken the parts will still be held reliably together by reason of the reinforcing member 2, above described.

While I have described the preferred combination and construction of parts deemed 45 necessary in carrying out my invention, I desire to comprehend in this application all substitutes and equivalents that may be considered as falling fairly within the scope of my invention. 50

Believing that the advantages and construction of my improved fence-post have thus been made clearly apparent, further description is deemed unnecessary.

What I claim as new, and desire to secure 55 by Letters Patent, is—

The herein-described fence-post formed of cement and having a reinforcing member of spiral form located in the center of said post while in the formative or plastic state, said 60 post having a plurality of recesses in one edge thereof, anchoring members formed by bending a single piece of wire upon itself, the looped end of which is embedded in said post, the free ends of said anchoring member pro- 65 jecting beyond the surface of said post and registering with the recesses therein whereby, when the fence-wires are placed between said projecting ends and said ends twisted together, the fence-wires will be held in place 70 upon said post, all combined substantially as set forth.

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

JAMES WILLIAM SHOCK.

Witnesses:

WILLIAM H. PRILL,
J. M. HOWARD.