No. 843,436. PATENTED FEB. 5, 1907.

A. BOWERS.

FENCE POST.

APPLICATION FILED NOV. 24, 1906.

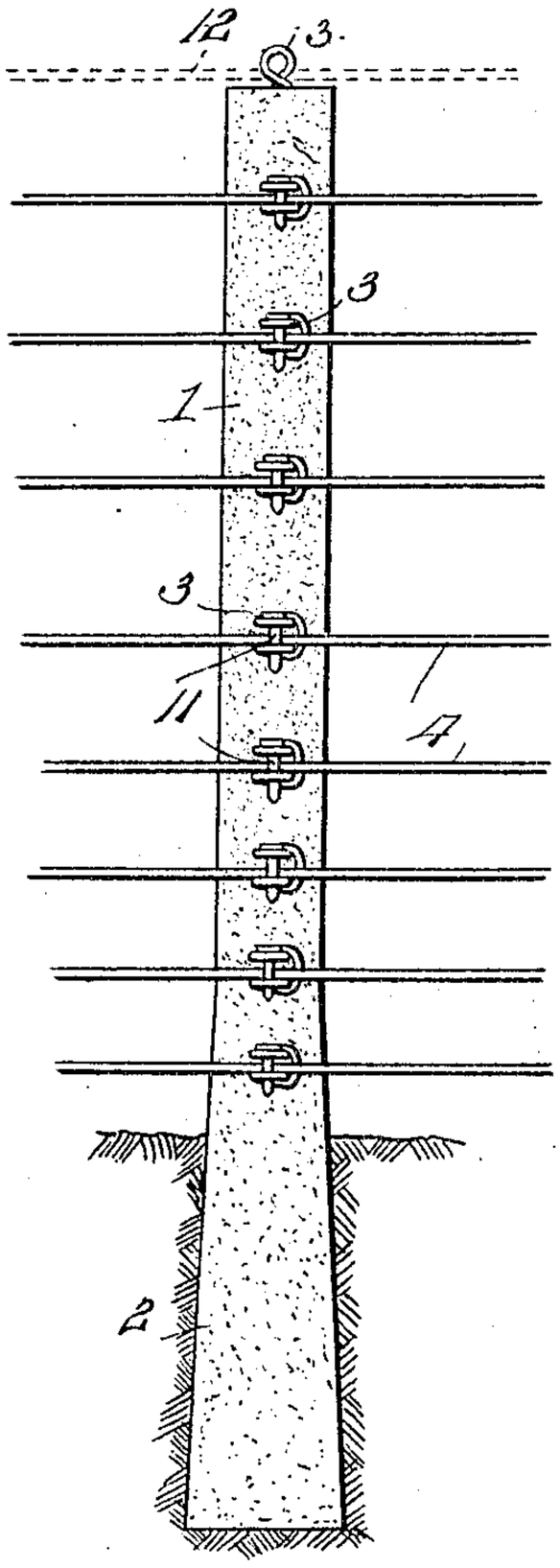


Fig. 1.

Fig. 3.

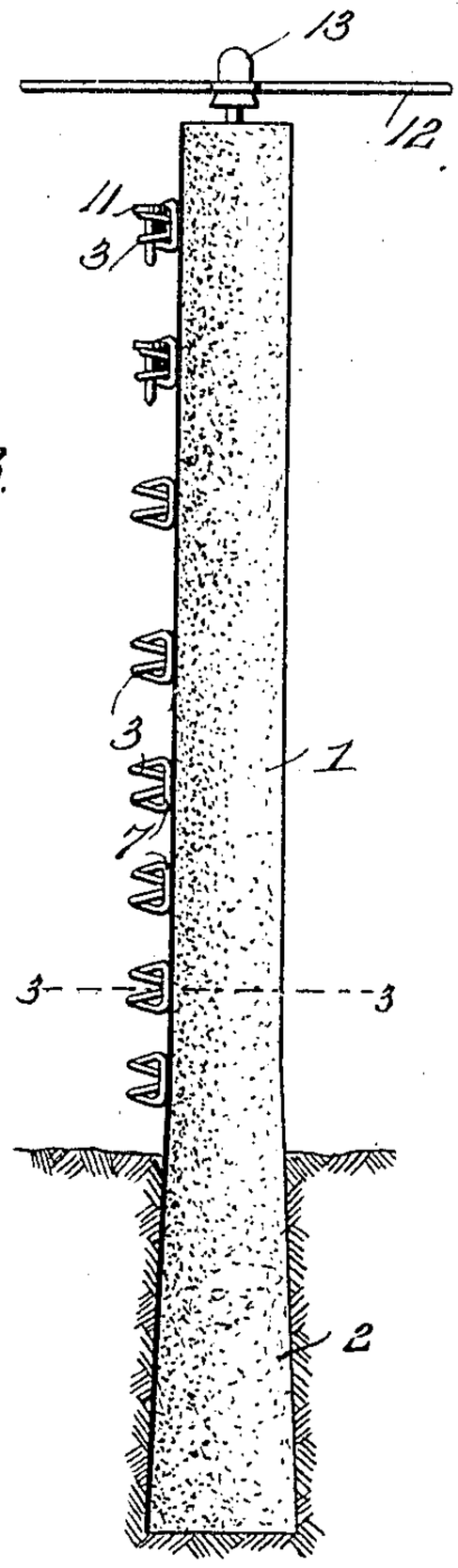
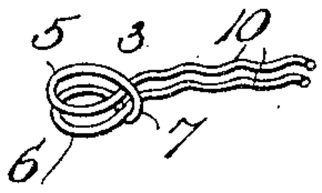


Fig. 2.

Fig. 4.



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UNITED STATES PATENT OFFICE.

ANDREW BOWERS, OF STROUD, OKLAHOMA TERRITORY.

FENCE-POST.

No. 843,436. Specification of Letters Patent. Patented Feb. 5, 1907.

Application filed November 24, 1906. Serial No. 344,888.

To all whom it may concern:

Be it known that I, ANDREW BOWERS, a citizen of the United States of America, residing at Stroud, in the county of Lincoln and Territory of Oklahoma, have invented new and useful Improvements in Fence-Posts, of which the following is a specification.

This invention relates to improvements in fence-posts made of cement or other plastic material and also to means for securing the line-wires of the fence thereto.

The object of the invention is to provide a construction of post which is strong, durable, easily manufactured, ornamental, and designed to maintain a firm hold in the ground against the action of frost and to provide wire-holding connections whereby the fence-wires may be quickly and conveniently secured to the post and as readily removed therefrom when occasion requires.

In the accompanying drawings, Figure 1 is a front elevation of a post embodying my invention. Fig. 2 is a side elevation of the same, showing the use at the top of the post of an ordinary insulator to support a telephone-wire. Fig. 3 is a sectional plan view through the post on a line with the upper anchoring-arm of one of the wire staples or holders. Fig. 4 is a perspective view of one of the wire-holders.

The post-body 1 may be of any suitable height, thickness, cross-sectional form, and general contour to serve different conditions of service, whether used as an intermediate, end, or gate-post of the fence structure, and is composed of cement or some other suitable plastic material.

The base 2 of the post is preferably enlarged and tapered or flared, so that it will be held firmly in the ground and serve as an anchor to prevent any possibility of the post being uprooted by the action of frost.

The post is provided with a series of holders 3 for attaching the line-wires 4 of the fence structure thereto. Each of these holders is formed of a single piece of wire, the intermediate portion of which is bent or coiled to provide upper and lower loops or eyes 5 and 6 and a bight portion 7, arranged vertically at one side beyond the plane of the eyes, the free ends of the wire being extended in parallel superposed relation beyond the eyes to form anchoring arms or shanks 10, which are embedded in the post and are preferably crimped, as shown, to hold them from pulling out under strain.

The anchoring-arms of the holders are embedded in the body of the post while the latter is in plastic condition, so that upon the hardening of the plastic material they will be securely confined therein. The eyes 5 and 6 are arranged horizontally at the front of the post and form an intervening passage for the extension of the line-wire between them. The bight portion 7 rests directly against the face of the post, so that the line-wire may come into close contiguity thereto and serves as a guard or shield to sustain the wear of the wire from the vibration thereof due to the action of the wind and to prevent the wire from cutting into the post. In the operation of applying the line-wires the latter after being suitably tightened are simply slipped between the eyes of the several holders and then secured in position by headed pins or nails 11, passed down through the eyes, as clearly shown in Fig. 1. This construction admits of the ready and convenient application of the wires and their convenient removal when occasion requires, thus enabling a farmer or other comparatively unskilled person to erect a fence without the aid of skilled help.

If desired, one of the holders may be fixed in the top of the post to support a telephone-wire 12, as shown in Fig. 1, or an insulator 13 of ordinary construction may be substituted therefor for the same purpose, as shown in Fig. 2.

From the foregoing description, taken in connection with the drawings, the construction and manifold advantages of the invention will be apparent, and it will be seen that the simplicity of the structure adapts the post to be easily and economically manufactured.

Having thus described the invention, what is claimed as new is—

1. A plastic fence-post provided with line-wire holders having anchoring portions embedded therein, the projecting portions of the holders being bent to provide each of the holders with superposed eyes and an interconnecting guard portion, the eyes being spaced to form a passage for the line-wire and the guard arranged to form a bearing for the wires, and a keeper member adapted to be fitted in the eyes of each holder to retain the wire in position.

2. A line-wire holder for fence-posts comprising a single length of wire bent to form a pair of spaced horizontal loops or eyes, a pair of anchoring-arms, one arranged above and in the plane of the other and a union connection arranged vertically at one side of the plane of the eyes and laterally offset therefrom and forming the bight of the wire, said eyes being adapted to receive a keeper-pin and the union connection to serve as a shield or guard against which the wire bears.

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

ANDREW BOWERS.

Witnesses:
PETER RENCH,
NELLE NEAL.