

F. O. HELLSTROM.
FENCE POST.
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Patented June 6, 1916.

1,185,665.

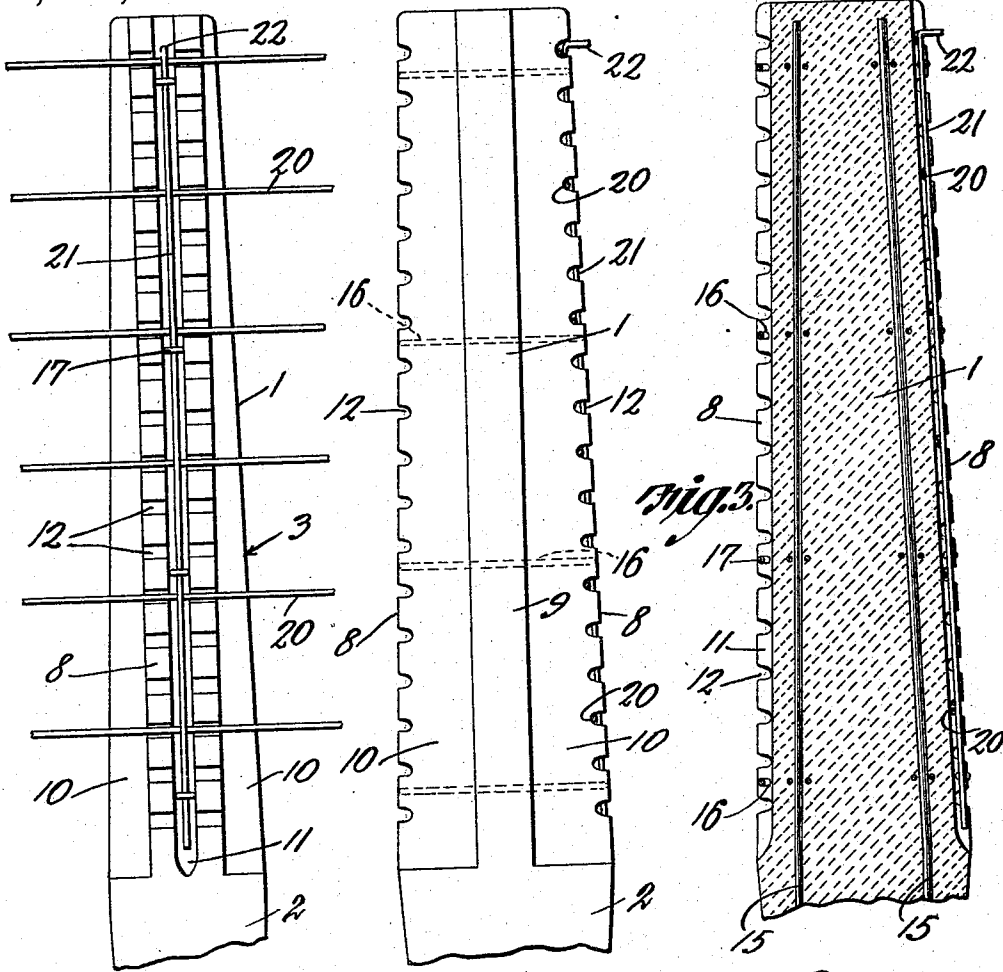


Fig. 1.

Fig. 2.

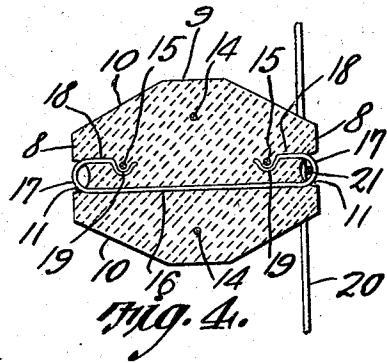


Fig. 4.

Witnesses

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UNITED STATES PATENT OFFICE.

FRANK O. HELLSTROM, OF BISMARCK, NORTH DAKOTA.

FENCE-POST.

1,185,665.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANK O. HELLSTROM, a citizen of the United States, residing at Bismarck, in the county of Burleigh and State of North Dakota, have invented a new and useful Fence-Post, of which the following is a specification.

This invention aims to provide, in a concrete fence post, a cross tie which will reinforce the post adequately from side to side, afford loops adapted to receive fence retainers, and be so constructed that it may be assembled readily with longitudinal reinforcements within the post as the latter is built up.

In the accompanying drawing: Figure 1 shows the invention in side elevation; Fig. 2 is a side elevation wherein the structure is viewed at right angles to the showing of Fig. 1; Fig. 3 is a fragmental longitudinal section; Fig. 4 is a transverse section.

The fence post forming the subject matter of this application preferably is made of concrete and includes a body 1 and a foot 2. The body 1 tapers as it extends upwardly, as indicated at 3. In cross section, the body 1 preferably is of octagonal form. The body portion 1 of the post includes opposed, wire-receiving, edge faces 8, side faces 9, and slant faces 10 connecting the faces 8 and 9, as will be understood best from Fig. 4. In the faces 8 of the body 1 are formed longitudinally extended seats 11 in the form of grooves, and adapted to receive a wire retaining means to be described hereinafter. The seats 11 are intersected by cross grooves 12 adapted to receive the fence wires, the grooves 12 opening into the seats 11.

Disposed within the contour of the body 1 and extended downwardly into the foot 2 are reinforcing elements 14 preferably in the form of rods or bars, these reinforcing elements being located relatively near to the side faces 9 of the post. Similarly mounted within the contour of the post and located relatively near to the faces 8 are reinforcing elements 15. At intervals between the top and the bottom of the post, transverse ties 16 are embedded therein, the ties being in the form of wires. The ties 16 are bent

upon themselves to form loops 17 which lie in the seats 11 between certain of the grooves 12. The loops 17 terminate in back bent fingers 18 embedded in the post, the fingers being assembled with the longitudinal reinforcing elements 15 in any desired manner. In the present instance, the fingers 18 are shown as being provided with concaved seats 19 in which the reinforcing elements 15 are received. The number of ties 16 employed may be increased above or decreased below the showing of the drawings as is found expedient.

The wires 20 of the fence which is to be held are engaged in the cross grooves 12, or in some of them. The invention contemplates the use of retainers 21 which may be rods, equipped at their upper ends with finger pieces 22. The retainers 21 are inserted into the seats 11 and pass through the loops 17, the wires 20 of the fence being held between the bases of the seats 11 and the retainers. The wires or ties 16 serve at once to reinforce the post and to form a part of the wire holding means.

Having thus described the invention, what is claimed is:—

In a device of the class described, a concrete fence post provided on its opposite faces with seats and with transverse fence receiving grooves intersecting the seats; longitudinal reinforcing members embedded in the post adjacent the seats; a transverse tie the body of which is embedded in the post, the ends of the body being fashioned into loops the bends of which project into the seats, the loops terminating in fingers extended transversely of the reinforcing members and terminated adjacent the reinforcing members, the fingers being provided with concavities receiving the reinforcing members and opening away from the body of the tie.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

FRANK O. HELLSTROM.

Witnesses:

LOUIS H. CARNFEL,
F. E. McCURDY.