M. J. BURKHART.

FENCE WIRE FASTENER.

APPLICATION FILED MAY 15, 1911.

1,020,259. Patented Mar. 12, 1912.

FIG_1_

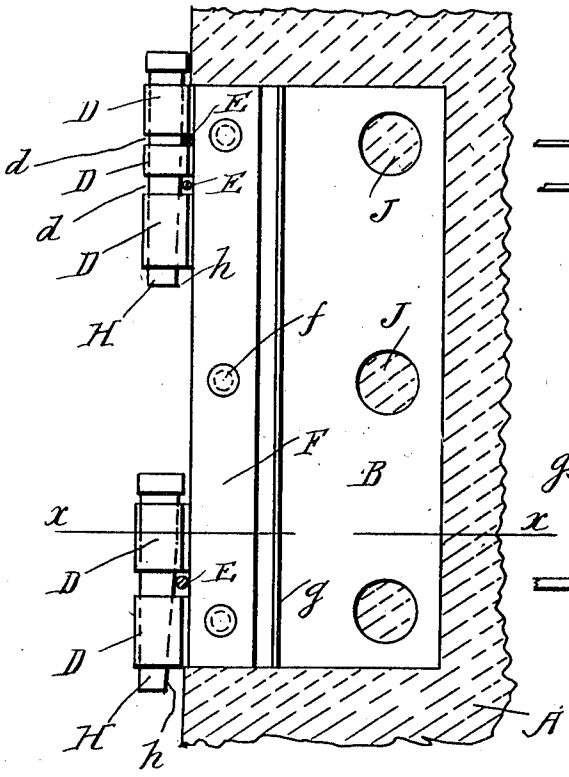


FIG_2_

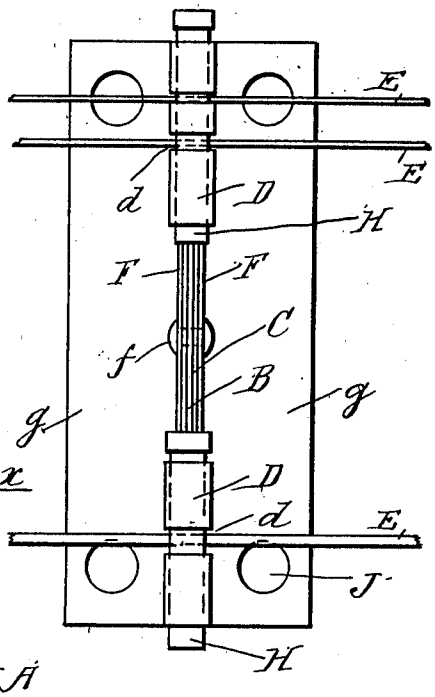


FIG_3

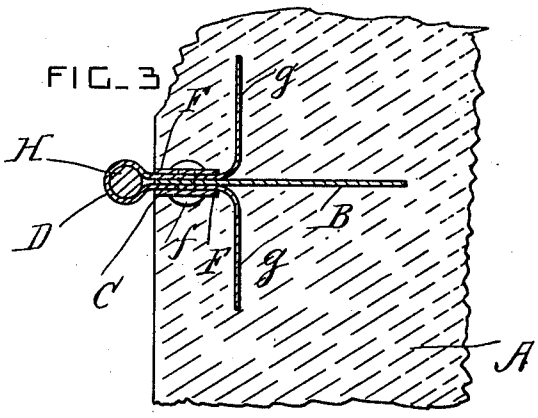
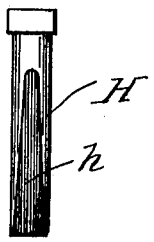


FIG_4_



Witnesses

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FENCE-WIRE FASTENER.

1,020,259. Specification of Letters Patent. Patented Mar. 12, 1912.

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To all whom it may concern:

Be it known that I, MEINRAD J. BURKHART, a citizen of the United States, residing at Missouri Valley, in the county of Harrison and State of Iowa, have invented certain new and useful Improvements in Fence-Wire Fasteners; 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.

This invention relates to fasteners for securing fence wires to fence posts and for reinforcing concrete fence posts; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

In the drawings, Figure 1 is a side view of a portion of a concrete fence post and the wire fastener, the post being shown partially in section to expose the fastener. Fig. 2 is a front view of the fastener. Fig. 3 is a sectional plan view of the fastener and post, taken on the line x—x in Fig. 1. Fig. 4 is a detail side view of one of the locking pins.

A is a portion of a fence post formed of concrete or other approved plastic material.

B is a flat bar or plate of thin sheet metal, and C is a bar or plate of thin sheet metal the middle part of which is folded so as to inclose one side edge of the bar B. The middle part of the bar or plate C is cut away at suitable intervals, and the remaining parts are formed into tubular sockets D which project beyond the edge of the bar B. These sockets D have narrow channels d formed between certain of them for the reception of the fence wires E.

F are narrow stiffening plates of thin sheet metal, and f are rivets which secure the plates F and C to the bar B. The front edges of the plates F are arranged in the same plane as the front edge of the bar B. The side portions of the bar or plate C are bent at a right angle to its middle part so that they form laterally projecting flanges g. The plates B and F and the greater portions of the plate C are inclosed in the concrete of the post A so that they reinforce and stiffen it. The fastener however may be made in short lengths when the post does not require to be reinforced.

H are the locking pins which hold the fence wires in place. These pins are cylindrical and are provided on one side with an inclined face h which is preferably serrated or corrugated. These pins are driven into the sockets D after the fence wires have been placed in the channels d, and the serrated inclined sides h press the fence wires against the front edges of the plates F and the bar B, and secure them tightly in place.

J are holes in the plate B and in the flanges g for the concrete to enter, so that the concrete will not be split by the plates of the fastener.

When the device is used to reinforce the fence post, as many sockets D as desired are arranged in a series at one side of the fastener, so as to secure all the fence wires to the post, and any number of fence wires can be arranged for.

What I claim is:

The combination, with a fence post of plastic material, of a fence wire fastener comprising a central bar, a plate having tubular sockets at its middle part arranged beyond the front edge of the bar, said plate being folded over the said bar and having projections for engaging with the material of the post, stiffening plates secured one on each side of the folded plate with their front edges arranged in the same plane as the front edge of the bar, and a pin which engages with the said sockets and jams the fence wire in the space between them against the front edges of the said bar and stiffening plates.

In testimony whereof I have affixed my signature in the presence of two witnesses.

MEINRAD J. BURKHART.

Witnesses:
GEO. A. KELLOGG,
W. H. WITHROW.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."