

E. M. CRANDAL.
Indicator for a Barbed Wire-Fence.

No. 220,912.

Patented Oct. 28, 1879.

Fig. 1.

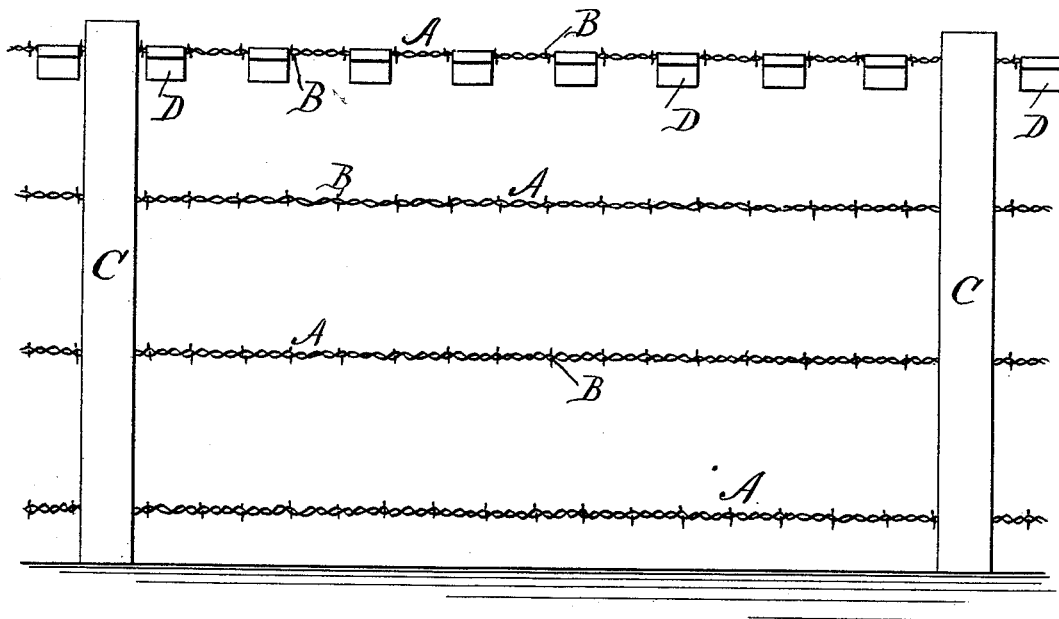
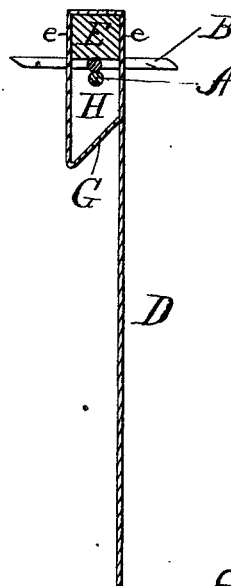


Fig. 2.



Witnesses:

F. B. Thomaud

Richard S. Tuthill

Inventor:

Edmund M. Crandal
per Munday & Evans

Attorneys

UNITED STATES PATENT OFFICE.

EDWARD M. CRANDAL, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN INDICATORS FOR BARBED-WIRE FENCES.

Specification forming part of Letters Patent No. **220,912**, dated October 28, 1879; application filed August 23, 1879.

To all whom it may concern:

Be it known that I, EDWARD M. CRANDAL, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Indicators for Barbed-Wire Fences, of which the following is a specification.

This invention relates to a device for warning cattle of the presence of a barbed-wire fence by rendering the fence more readily visible.

In the accompanying drawings, which form a part of this specification, Figure 1 is a side view of a fence provided with my improved indicators, giving a face view of the indicators. Fig. 2 is a vertical section of one of the indicators.

Upon said drawings, the letter A denotes the fence-wires, provided with barbs B, after the usual fashion of such fences. C are the fence-posts for supporting the wires.

The indicator consists of a flat piece of water-proof paper, wood, veneer, or other water-proof flexible material, D, bent into the form shown at Fig. 2, to inclose a strengthening-bar, E, of wood or other suitable material, over which the flat plate D is bent, and to which it is nailed or otherwise firmly secured, preferably tacked through the faces *ee*. The shorter end, G, of piece D is bent inward and upward to form an inclined flap or catch resting upon the longer portion of the piece, or standing adjacent thereto, forming a loop or inclosure, H, in which lies the barbed wire when the device is in place upon the fence.

To apply the indicators to the fence it is only necessary to slip them on, as shown in the drawings, placing them between the barbs. The flap or catch G will yield to admit the wire, and, closing, secure the indicator against escape from the wire.

The indicators thus formed of a thin flexible material are so light that their weight does not sag the fence-wire or disfigure it.

When made of veneer such as fruit-boxes are made of, the corners should be scored to bend readily, and this may be also done with advantage in case paper is the material used.

One advantage that this device possesses over the ordinary wooden-block indicator consists in the fact that in this device there is nothing to tempt depredators to remove it from the fence, as in the case of the wooden blocks, which make excellent kindling-wood.

My indicator is not only very cheap to make, but is also very cheap to ship from place to place, as it is light and packs closely and economically.

I claim—

The indicator for barbed-wire fences, consisting of a plate of thin flexible material and a strengthening-bar, the plate having one end folded over said bar, and recurved to form a catch or lock for inclosing the fence-wire, substantially as specified.

EDWARD M. CRANDAL.

Witnesses:

JOHN W. MUNDAY,
EDWARD S. EVARTS.