

G. M. FISH.
Barbed Fence.

No. 218,373.

Patented Aug 12, 1879.

FIG. 1.

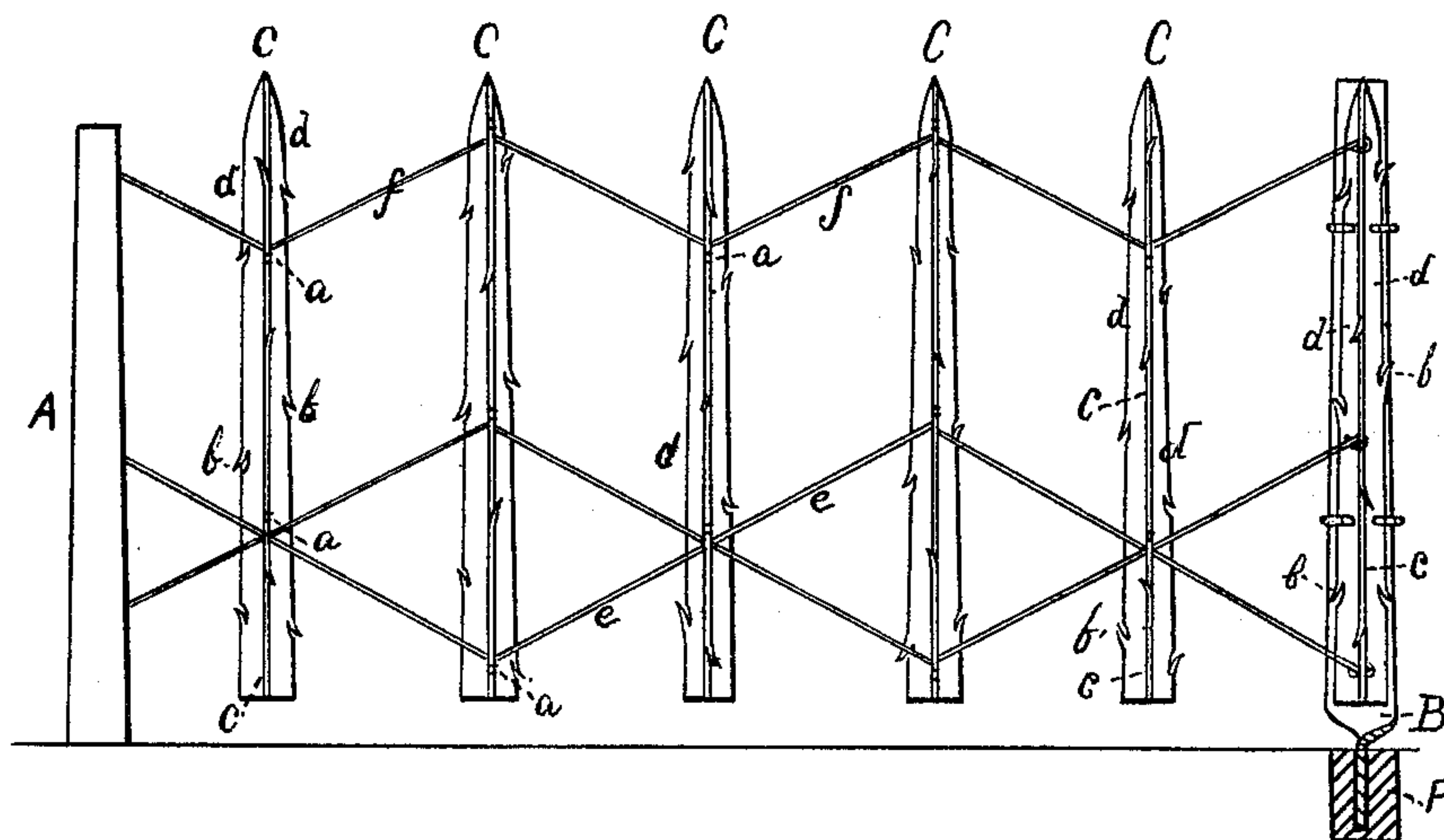


FIG. 2.



FIG. 3.



WITNESSES.
G. L. Chapin.
A. J. Morey.

INVENTOR.
George M. Fish

UNITED STATES PATENT OFFICE

GEORGE M. FISH, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN BARBED FENCES.

Specification forming part of Letters Patent No. **218,373**, dated August 12, 1879; application filed May 8, 1879.

To all whom it may concern:

Be it known that I, GEORGE M. FISH, of Chicago, county of Cook, and State of Illinois, have invented a new and useful Improvement in Barbed Fences, of which the following is a specification, reference being had to the accompanying drawings, illustrating the construction of the fence, in which—

Figure 1 is an elevation of one panel of my improved fence; Fig. 2, an edge elevation of one of the metal pickets; Fig. 3, a transverse section of a picket.

The nature of the present invention consists of pickets which are formed so as to present on one or both sides a rib, in which are made diagonal cuts, so as to detach a portion of the metal, for the double purpose of forming barbs as a protection against stock and forming attaching devices for the pickets to be held in position to form a panel of fence by means of wires engaging the barbs, and forming a truss from post to post, as the whole is to be herein-after fully described and shown.

C C, &c., represent pickets, which are formed each of a single piece of sheet metal, so as to present in cross-section a central rib, *c*, and side ribs, *d d*, the rib *c* being formed of two thicknesses of metal when the picket is formed of sheet-plates; but if the pickets are rolled from bars of iron by machinery, they will consist, in cross-section, of three ribs, or somewhat of a T shape.

The pickets may be tapered at their small ends or made parallel.

The three edges of the pickets are cut into by a suitable tool, so as to form notches *a a*, &c., for the truss-wires *e e f* to fasten to; and slits *b b* are cut in all of the edges of the picket, and the metal so detached, in part, is bent or turned out from the ribs, so as to form barbs, as a protection against stock.

The wires *e e f* fasten to the posts A B, and the wires *e e* run in a zigzag direction and cross each other on every alternate picket, forming a truss of sufficient strength to support the pickets from any injurious sagging. The wire *f* runs also in a zigzag direction across the pickets; but it may run straight and answer the purpose.

A is an ordinary wooden post at one end of the panel, and B is the iron post, set in a section of drain-tile, P, which is firmly embedded in the earth, to form a protection and support for the post which is both cheap and durable.

The wires *e f* are to be stretched, in practice, by any one of the well-known devices for that purpose.

I intend to use iron posts, so that the fence shall be proof against fire; but a wooden post is shown to illustrate how the new device can be connected with a fence of the ordinary construction.

I am aware of the improvements contained in the patent to J. A. Hall on December 1, 1874, No. 157,391, for wire fences, and the patent to L. B. King, Jr., dated June 13, 1876, No. 178,645, for improvement in barbed fences. I therefore confine myself to the three-ribbed picket as claimed.

I claim as new and desire to secure by Letters Patent—

One or more panels of fence consisting of the three-ribbed pickets, provided with barbs *b b* and wire attachments *a a*, combined with the wires *e f* and suitable posts, as and for the purpose set forth.

GEORGE M. FISH.

Witnesses:

G. L. CHAPIN,
A. G. MOREY.