(No Model.)

J. F. HANNA.

PORTABLE WIRE FENCE.

No. 343,171. Patented June 8, 1886.

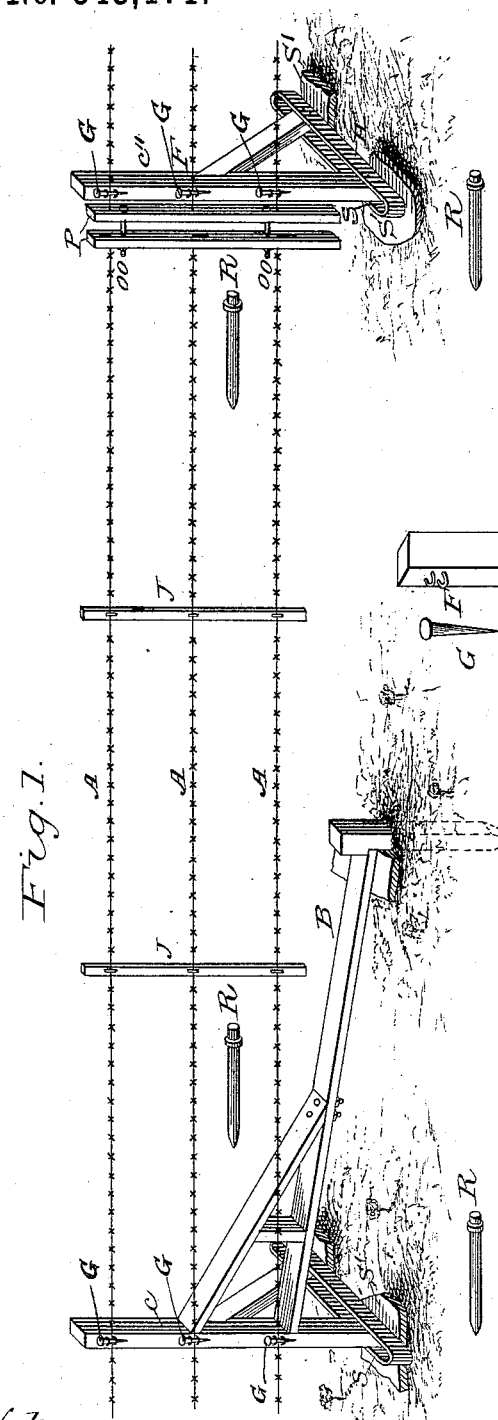

Fig. 1.

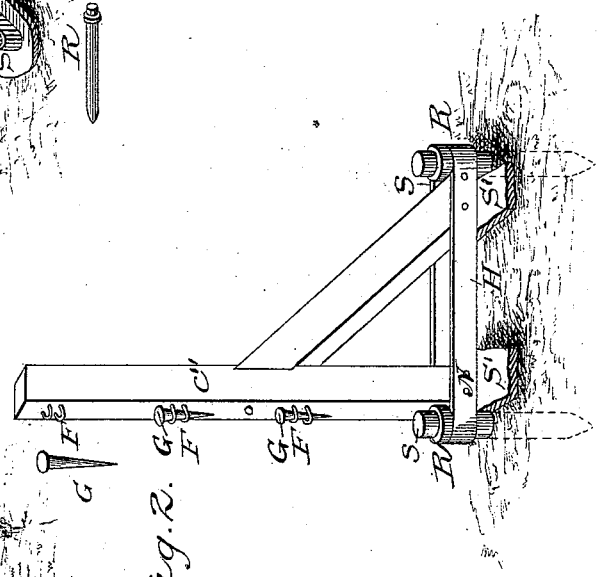

Fig. 2.

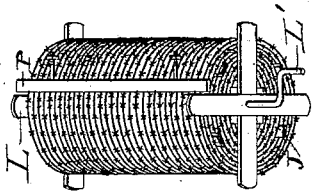

Fig. 3.

Witnesses:

Edwin S Dunham.

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UNITED STATES PATENT OFFICE.

JOHN F. HANNA, OF NEAR MOMENCE, ILLINOIS.

PORTABLE WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 343,171, dated June 8, 1886.

Application filed January 12, 1885. Serial No. 152,693. (No model.)

To all whom it may concern:

Be it known that I, JOHN F. HANNA, a citizen of the United States, residing near Momence, in the county of Kankakee and State of Illinois, have invented new and useful Improvements in Portable Wire Fences, of which the following is a specification.

My invention relates to improvements in portable wire fences for farm use and stock-yards, and the objects of my improvement are to construct substantial, durable, and economical portable posts used in conjunction with lengthy wired sections for fence. I attain these objects by the devices illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective of parts of two sections of fence attached to portable bracket-shaped posts on foundations. Fig. 2 represents my improved portable post staked to the ground on foundation-stones. Fig. 3 represents a wired section for fence on a spool with a crank-shaft.

Similar letters refer to similar parts throughout the several views.

The bracket-shaped post *c* is stayed by a movable brace, B, as shown in Fig. 1, used for a prop to resist the tension of the stretched strands of wire. The brace B is constructed of wood, with a stayed arm bolted near the center to receive and direct the pressure from the upper part of the post downward on the brace B, the lower end of which is staked to the ground on a foundation. The improved movable post *c''* is staked or pinned to the ground, resting on foundation-stones S', as shown in Fig. 2. The upright *c''*, with a brace secured near its center by rivets or bolts, can be constructed from almost any kind of wood. An oblong metal band, H, in form of a link, is bent around the base of the upright post and brace, and fastened thereto with rivets N, and the rounded parts of the band project to form sockets S for two small stakes or pins, R, supplied with metal rings for heads. (Shrunk on.) Said pins are driven through the sockets S into the ground, the rings of the pins R serving to clamp the metal band H, the upright *c''*, and brace on their foundations substantially, thereby firmly staying the post *c''* and holding securely the foundation-stones in their proper place and position. No part of the post is exposed to the ground decay, except the wooden pins R. The posts can be placed from forty to fifty feet apart in the fence, and make a substantial and reliable fence, requiring but few durable posts.

For attaching the section-wires, two lengthy staples, F, are driven into the post *c''*, and a tapering metal key, G, enters the staples for a fastening. The spool of fence-section represented in Fig. 3 can be unrolled on the line of the fence and stretched from a braced post, *c*, as shown in Fig. 1, then the intermediate posts set up on their foundations, keyed to the section-wires A, pinned to the ground, and the last post braced in the same manner as at the first to retain the tension of the stretched wires. The sections are connected together by two bolts and nuts, *o o*, passing through the end pieces, P.

I do not claim as new in my improvements the wire-section with slats J and wooden end pieces, P, connected by bolt-nuts *o o*, and I am aware that two staples driven into stationary fence-posts for a wire fastening with a nail-key passing through the staples have before been used. I therefore do not claim such devices, broadly; but I am not aware that fence-posts have ever been constructed before my invention with a metal band in form of a link forming sockets for ring-headed wooden pins or stakes; therefore

What I do claim as new, and desire to secure by Letters Patent, is—

The portable movable fence-post consisting of the upright *c''* and brace, in combination with the oblong metal band in form of a link securely fastened to the base of said post and brace, and having its ends projecting beyond the same to form rounded sockets S, and the ringed stakes R, driven through said sockets into the ground, serving to clamp the metal band H and braced post on its foundations substantially and firmly to the ground as represented and described.

JOHN F. HANNA.

Witnesses:
JAMES CHATFIELD,
HILTON B. HALL.