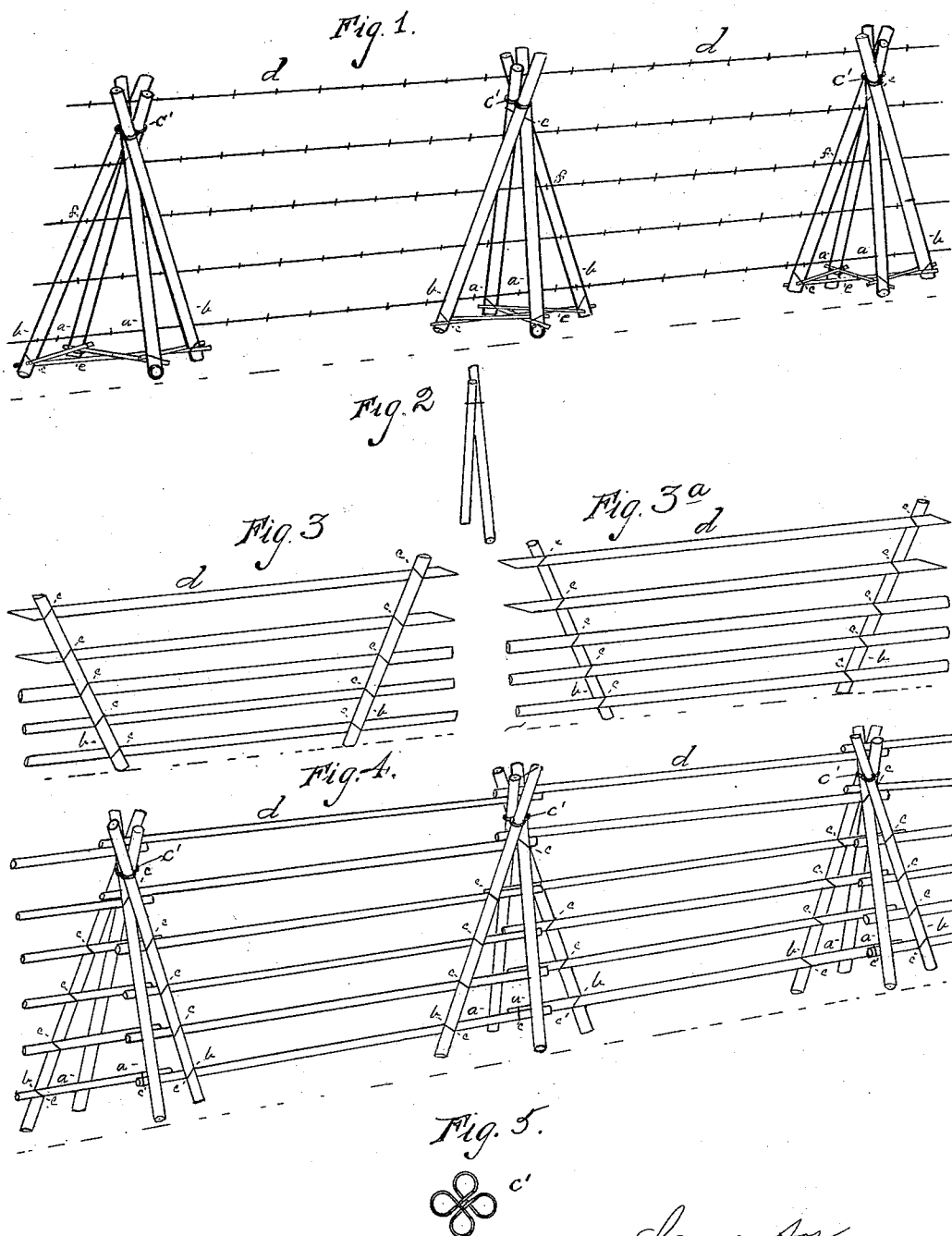


(No Model.)

H. A. WARTMAN.
FENCE POST.

No. 544,146.

Patented Aug. 6, 1895.



Witnesses.
William Thompson
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UNITED STATES - PATENT OFFICE.

HORACE ALLEN WARTMAN, OF SYDENHAM, CANADA.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 544,146, dated August 6, 1895.

Application filed April 20, 1893. Serial No. 471,234. (No model.)

To all whom it may concern:

Be it known that I, HORACE ALLEN WARTMAN, a citizen of the Dominion of Canada, residing at Sydenham, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Fences, of which the following is a full, clear, and exact description, which will enable those skilled in the art to which it appertains to make and use the same, reference being made to the accompanying drawings, in which—

Figure 1 is a perspective view of a section of my improved fence. Fig. 2 is a detached view of two of the post-stakes. Figs. 3 and 3^a are detail views showing the construction for a portable fence. Fig. 4 is a perspective view of a section of the fence constructed with poles or rails, the foot-braces of the poles not being shown; and Fig. 5 is a detail view of one of the wires for securing together the upper portions of the post-stakes.

The object of my invention is to provide an efficient fence of simple and inexpensive construction, more especially designed for use in those sections of country where large timber is scarce; and the invention consists in the novel construction and combination of parts, all as hereinafter described, and pointed out in the appended claim.

Referring to the accompanying drawings, the letter A designates the posts, which are each constructed of four stakes *a a b b*, set obliquely, their lower ends resting upon the ground at the four corners of a rectangle with their upper portions intercrossed and secured by the wire *c'*, which is looped around each post at or near the point of intercrossing. The lower portions of the stakes near the ground are connected by foot-braces *e*, four in number, two of said braces crossing each other diagonally and the other two forming straight connections between the respective pairs of the stakes. Said braces are usually connected to the stakes by wiring *c*.

In Fig. 1 the body of the fence is shown as formed by a series of parallel longitudinal wires, which are stapled to the stakes, the posts being so set that two of the stakes are brought substantially in the line of the fence, but upon opposite sides thereof, while the other two are in a plane at right angles

thereto. It will be observed also, by reference to Figs. 1 and 4, that alternate posts are placed in different relations to the fence—that is to say, each post is turned about one-fourth around with relation to its neighbor posts, so that the fence-wires as they run from post to post are secured to stakes which alternate from one side of the fence to the other. In this manner the strain upon the stakes and upon the foot-braces of one post is partially offset by the neighbor posts and the entire fence is bound, braced, and very much strengthened.

Fig. 4 shows a similar construction, wherein poles or rails are used instead of wires.

Figs. 3 and 3^a show the construction for a portable fence. The two sections shown in this figure are overlapped, the adjacent stakes being intercrossed. The other stakes shown in Fig. 2 are then set up and the whole wired and foot-braced.

The above-described fence is entirely a surface one, and can be constructed with comparatively little labor and expense, utilizing odds and ends of timber, making the fence a valuable one in localities where there is but little large timber.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A fence comprising a series of posts formed each of four oblique stakes crossing each other at the top, and bound together thereat, two of said stakes being substantially in the line of the fence, and two at right angles thereto, four foot braces connecting the stakes of each post shortly above the ground, two of said braces crossing each other diagonally and two forming straight connections between the respective pairs of stakes, and longitudinal wires or rails supported by and secured to such posts, alternate posts being placed in different relations to the fence to bring corresponding stakes upon opposite sides thereof, substantially as specified.

Orono, April 13, 1893.

HORACE ALLEN WARTMAN.

Witnesses:

WILLIAM THOMPSON,
ROBERT MOMENT.