

No. 616,545.

Patented Dec. 27, 1898.

J. W. LE GORE.
PORTABLE WIRE FENCE.

(Application filed July 12, 1898.)

(No Model.)

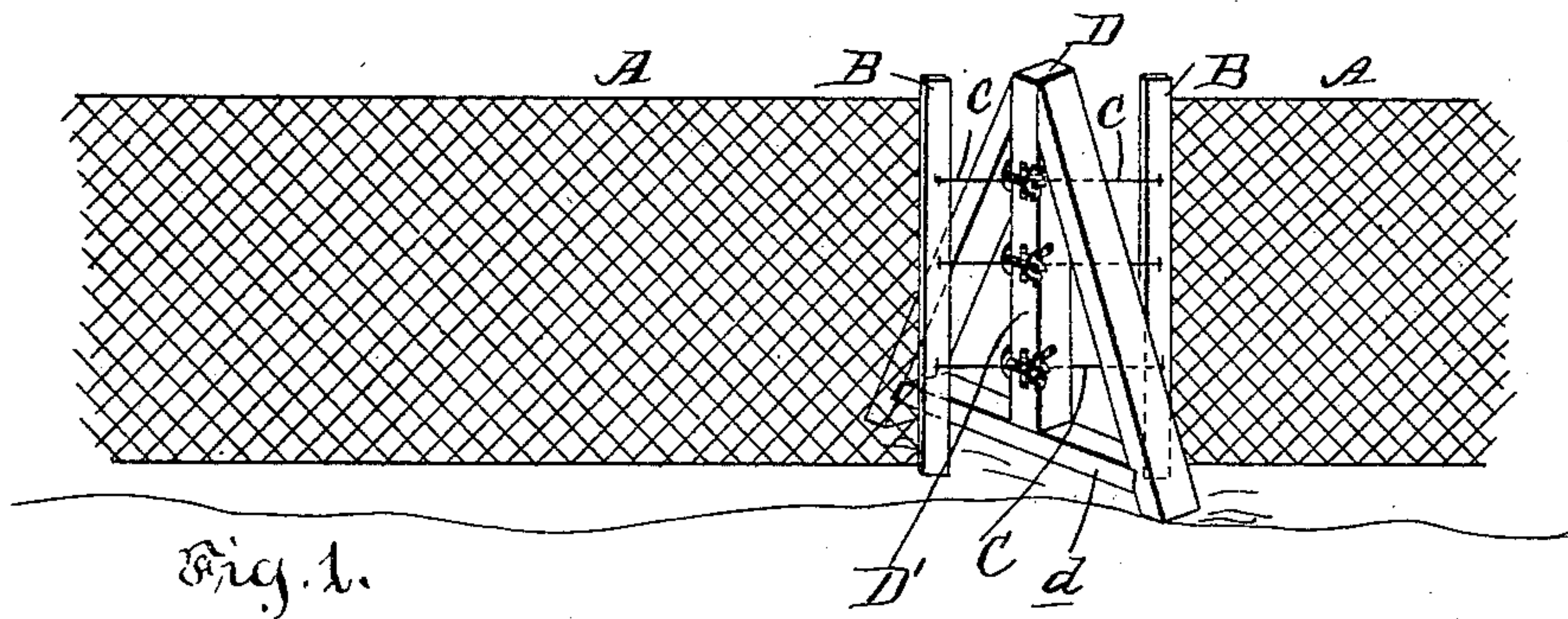


Fig. 1.

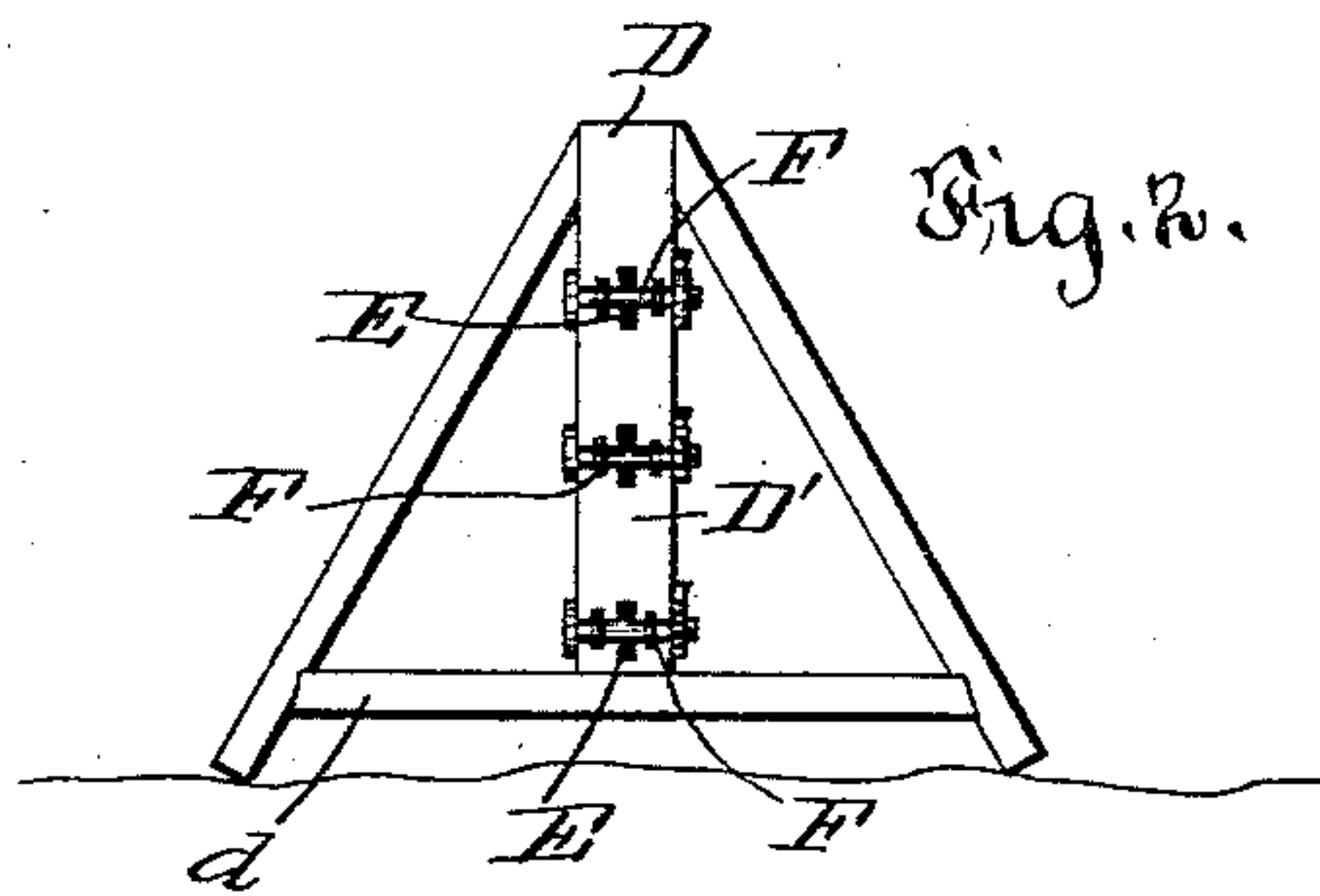


Fig. 2.

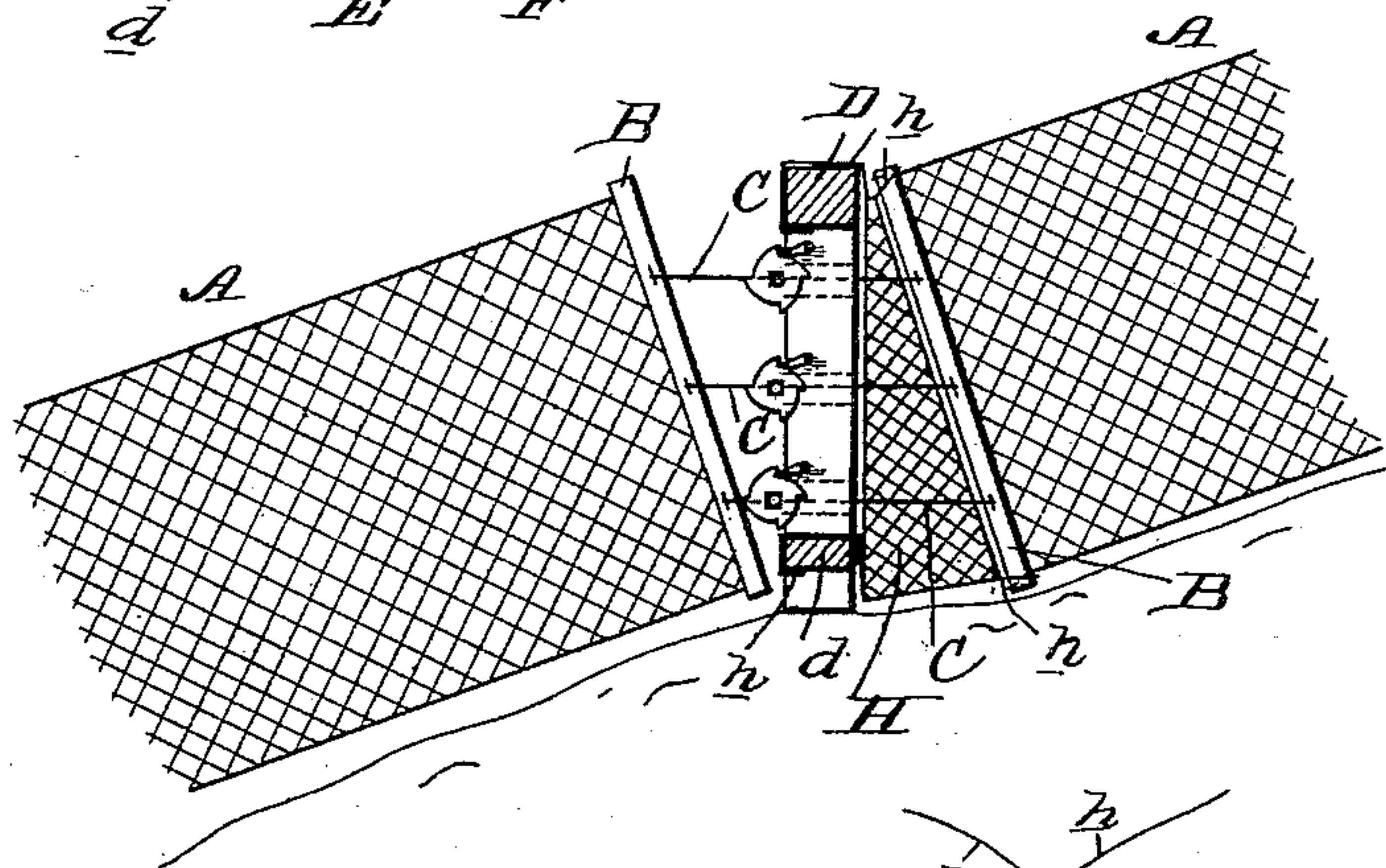


Fig. 3.

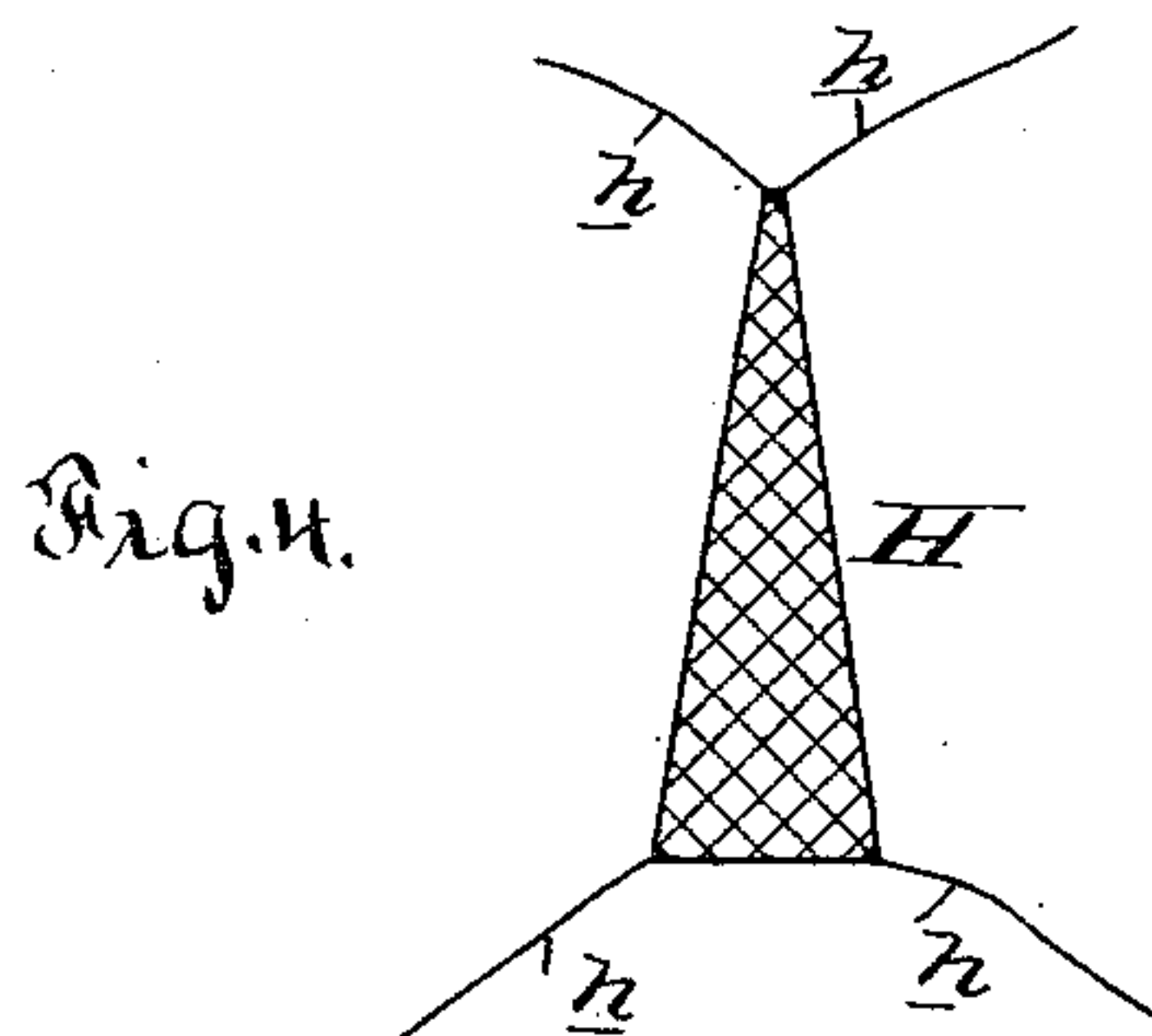


Fig. 4.

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PORTABLE WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 616,545, dated December 27, 1898.

Application filed July 12, 1898. Serial No. 685,785. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. LE GORE, a citizen of the United States, residing at Le Gore, in the county of Frederick and State of Maryland, have invented certain new and useful Improvements in Portable Wire Fences; 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.

My invention relates to portable wire fences, and it is embodied in the construction and arrangement of parts hereinafter described and claimed.

In the so-called "portable" fences an essential feature is that the same be formed in panels or sections. Heretofore the usual portable fences have been formed of wood, necessitating short panels. It has also been suggested to form the panels of wood and wire, in which case the same objection exists. The present invention is designed to adapt the meshed woven-wire or other type of woven flexible fence fabrics as distinguished from the straight longitudinal wire fence for use as a portable fence.

The advantages in the use of woven-wire fabrics for portable fences are obvious, one of which is that long panels can be formed and be easily erected, shifted, or taken down with but little trouble and expense.

My invention may therefore be stated to comprehend generally a woven-wire or flexible-fabric portable fence having provisions for proper stretching and erecting and one which will be strong, durable, and inexpensive.

In the drawings I have shown a form of the invention, but desire it understood that the structure therein shown can be variously altered and modified without departing from the nature and principle of the invention.

Figure 1 is a perspective view of a fence embodying the invention. Fig. 2 is a detail elevation of one of the supports or stretchers. Fig. 3 is a sectional elevation of one of the supports, showing a fence-panel in an inclined position; and Fig. 4 is a detail view of a filling-section.

In the drawings, A represents a panel of woven-wire or other flexible fence fabric of

any desired length. The adjacent ends of the panels are secured to rigid cross-bars B, to which are attached the flexible stretching bands or wires C.

Between the adjacent ends of the panels are movably arranged by being supported on the surface the transversely-extending supports D, which are conveniently formed of inclined bars, constituting an inverted-V-shaped frame. Between the lower end portions of the inclined bars is the cross-bar *d*. Extending from the apex of the frame downward to and connected with the cross-bar D is the vertically-disposed rigid upright D', which has a series of elongated apertures E therein. Through these apertures E the wires C on one of the panels are extended.

On one face of the upright D' are arranged and secured the winding-drums F of any approved type or form. These drums are spaced apart and located, respectively, opposite the apertures E. To the winding-drum are attached the opposite wires C, so that the winding of the drum will wind thereon both wires simultaneously, the elongated form of the apertures E permitting the wires passing there-through to be properly coiled on the drum. The drums are provided with any suitable stop or locking means—such as, for instance, the well-known pawl-and-ratchet mechanism.

When the support is placed on a depressed or raised section of ground, it is often necessary to tip the cross-bar of the panel, as shown in Fig. 3. In such a case a V-shaped open space is left between the support and bar. This space I conveniently close by what I choose to term a "detachable" filling-section H, constructed conveniently of woven wire and having attaching extensions *h* at its various corners. This space-closer may be of any desired size, even larger than the space left open, but nevertheless can be readily attached when secured in position to close the open space.

In laying the fence the various panels are first stretched across the field or space, the extreme ends of the outer panels being first secured to a fixture or stayed support. The intermediate supports, which may be said to constitute connecting means between panels, are then righted. The various drums are then turned, and the panels are thereby prop-

erly stretched or straightened. The advantage of having the various drums independent is that the panel cross-bars can be drawn either in an upright position or in an inclined position toward the support.

It being noticed that as the supports are wholly portable and loose they can be readily moved toward or from the respective panels, so that were one panel stretched primarily more than the other in taking up the slack thereafter the support will accommodate itself to the unequal resistance and can without trouble be properly placed.

By the special formation of support the panels are held against lateral movement in a manner well known in connection with wood fences.

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

1. In a portable wire fence, the combination with flexible woven panels, of a movable, connecting stretching and holding support, supported on the surface between the ends of the panels and connections between the supports and ends of the panels.

2. In a portable wire fence, the combination with flexible woven panels, of a movable support, supported on the surface between the ends of the panels, the same comprising a transversely-arranged frame, having a vertical upright rigidly secured therein, drums journaled at different points on the upright and flexible connections between the respective drums and ends of both adjacent panels, substantially as described.

3. In a portable wire fence, the combination with flexible woven panels, of transversely-arranged loose supports, located on the surface between the ends of the panels, said supports comprising a frame of substantially vertical V shape having a rigid vertically-disposed upright therein formed with a series of apertures, drums secured on the upright adjacent the apertures, and flexible connections between the ends of the drums and panels, substantially as described.

4. In a portable wire fence, the combination with flexible woven panels, of movable substantially V-shaped supports located on the surface between the ends of the panels, winding means on the supports, connections between the ends of the panels and the winding means, and substantially V-shaped filling-sections interposed between the support and the adjacent panel, substantially as described.

5. In a portable wire fence, the combination with flexible fabric panels, of rigid cross-bars secured on the ends of the panels, a movable support located on the surface between the ends of the panels, winding means on the support, and flexible connections between the winding means and the rigid cross-bars, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES W. LE GORE.

Witnesses:

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