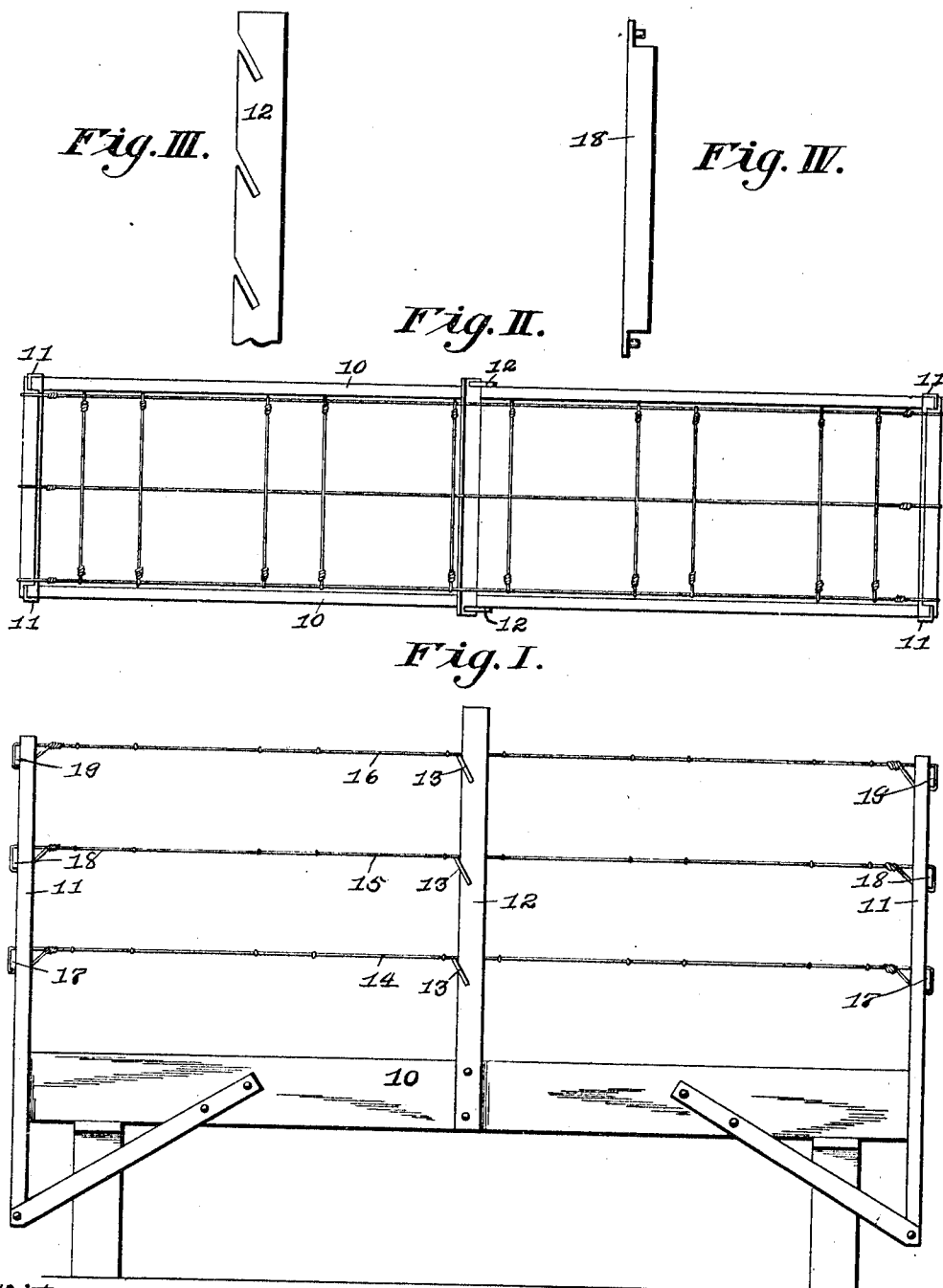


H. J. LOZIER.
 GARNATION SUPPORT.
 APPLICATION FILED MAY 29, 1909.

949,239.

Patented Feb. 15, 1910.



Witnesses.

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UNITED STATES PATENT OFFICE.

HARRY J. LOZIER, OF TACOMA, WASHINGTON.

CARNATION-SUPPORT.

949,239.

Specification of Letters Patent.

Patented Feb. 15, 1910.

Application filed May 29, 1909. Serial No. 499,204.

To all whom it may concern:

Be it known that I, HARRY J. LOZIER, a citizen of the United States, residing in Tacoma, county of King, and State of Washington, have invented a new and useful Improvement in Carnation-Supports, of which the following is a specification.

The object of my invention is to provide a carnation support, simple, strong, durable and practically inexpensive in construction, which will be adapted to be secured to a carnation bench in which a multiplicity of carnation plants are being grown.

A further object is to provide a carnation support which may be easily and quickly handled by two men, one being stationed at each end of the bench, and in this manner make it possible for the men to handle all of the plants in the bench by one operation.

My invention consists of certain details of construction, hereinafter set forth, pointed out in my claim, and illustrated in the accompanying drawings, in which—

Figure I shows a side elevational view of a carnation bench fitted out with my improvement, the supporting wires being elevated to their highest points; Fig. II shows a plan view of the same; Fig. III shows a detail view of one of the side supports I employ; and Fig. IV shows a detail view of one of the end bars I employ.

Referring to the accompanying drawings the reference numeral 10 is used to indicate the carnation bench which is provided, on each of its four corners, with an upright post 11, braced as shown. On each longitudinal side of the bench I have secured a side support 12, provided with a series of slots extending downwardly from one of its lateral surfaces. A number of these side supports may be used if desired my only object being to provide additional supports for the wire meshing I employ.

The numerals 13 indicate cross bars designed to extend across the bench and to have their ends supported in the slots in the side supports.

The numerals 14, 15 and 16, indicate wire nets, exactly similar in every respect, each being so woven as to provide a plurality of large openings separated by a narrower space and these large openings are evenly spaced and arranged. These wire nets are

designed to be of practically the same size as the bench and are to be placed thereon, their ends being secured to cross bars 17, 18 and 19, respectively, and the said cross bars are designed to engage the outer surfaces of the end posts, on their respective sides, when the parts of my device are assembled, and when so engaging the end posts the wire nets are drawn tight across the bench. The said cross bars are provided with lugs, at the place where they engage the end posts, and each of the end posts is provided with a series of orifices, or recesses, to receive their respective lugs, and thus the wire nets are held in their proper positions when they are adjusted.

Prior to the planting of the plants the nets, which may be of any desired number, are in position above the bench and as close to the surface of the soil, and to each other, as it is possible to place them. It is obvious that this will greatly assist in the planting for the plants are embedded within the large squares in the netting and no measuring rod will be necessary. The wire nets remain in this position until the plants have grown, to some extent, and then one of the nets is elevated which is done by moving the cross bars, to which it is attached, upward an equal distance on each side. As the plants grow the wire nets are elevated and to give the nets additional support the cross bars are inserted under their respective nets and dropped into their respective slots in the side supports.

The lugs on the end cross bars are, by construction, very small so as to be capable of being removed from their retaining recesses by pulling the nets which, as these benches and nets are of considerable size, will give a sufficient amount to permit of the lugs being withdrawn.

Having thus described my invention what I claim and desire to secure by Letters Patent of the United States, is:

A carnation support comprising in combination a carnation bench; corner posts secured to, and projecting upwardly from, each corner of the bench; recesses in the outer surface of each of said corner posts; wire nets, provided with a plurality of evenly spaced squares separated by narrow strips; cross bars engaging the outer sur-

faces of the corner posts and lugs to engage the recesses therein, there being a pair of cross bars secured to each net; support bars, each provided with a series of downwardly projecting slots, secured to the sides of the bench; cross bars to extend across the bench and to have their ends secured in the slots

in their respective side supports, all arranged and combined substantially as shown and described.

HARRY J. LOZIER.

Witnesses:

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