

C. A. RIEMAN.
FLOWER SUPPORTER.
APPLICATION FILED OCT. 14, 1908.

933,112.

Patented Sept. 7, 1909.
2 SHEETS—SHEET 1.

Fig. 1.

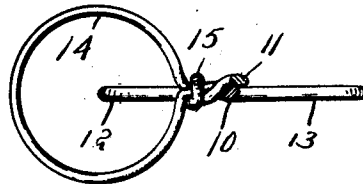
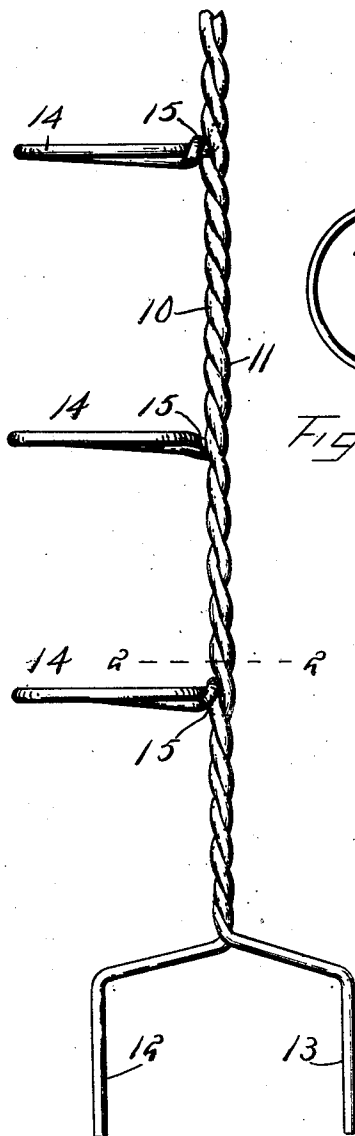


Fig. 2

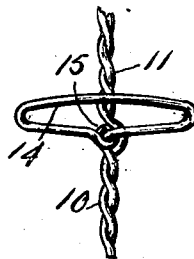
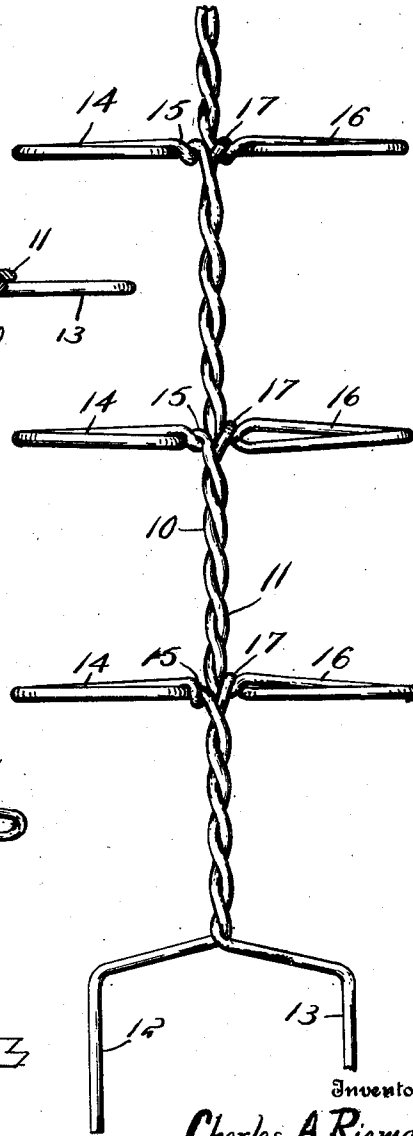


Fig. 3

Fig. 4



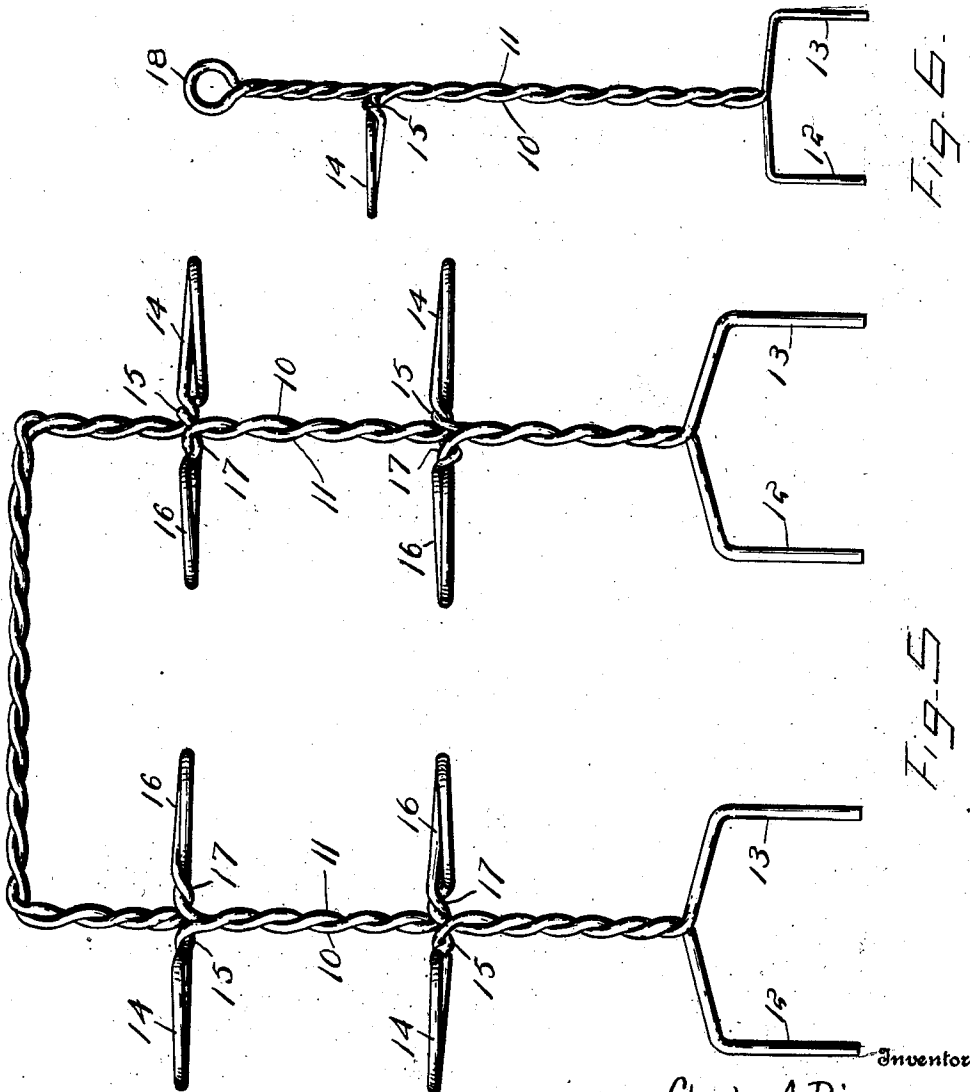
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UNITED STATES PATENT OFFICE.

CHARLES A. RIEMAN, OF CONNERSVILLE, INDIANA.

FLOWER-SUPPORTER.

933,112.

Specification of Letters Patent.

Patented Sept. 7, 1909.

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To all whom it may concern:

Be it known that I, CHARLES A. RIEMAN, a citizen of the United States, residing at Connorsville, in the county of Fayette, State of Indiana, have invented certain new and useful Improvements in Flower-Supporters; 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.

This invention relates to supporters of the class adapted for use by floriculturists or others for maintaining carnations or other flowers in vertical position during the period of their growth, or other times as desired, and the object of the invention is to simplify and improve the construction and increase the efficiency and utility of devices of this character.

With this and other objects in view, the invention consists in a standard formed of two wires twisted together throughout the major portions of their lengths and separated at one end to form spaced prongs adapted to be inserted into the earth or other support to maintain the standard in vertical position and with a plurality of integral loops or rings extending laterally from the standard at spaced intervals, the parts constituting the loops entwisted at their junctures with the standard, to increase their strength and stability.

The invention further consists in certain novel features of construction as hereafter shown and described and specifically pointed out in the claims, and in the drawings illustrative of the preferred embodiment of the invention, Figure 1 is a side elevation of the improved device in its simpler form. Fig. 2 is a section on the line 2—2 of Fig. 1. Fig. 3 is a side view of a portion of the device shown in Fig. 1, with one of the loops in perspective. Fig. 4 is a side elevation of a modified form of the improved device. Fig. 5 is a detail view illustrating another modification in the construction. Fig. 6 is a detail view illustrating another modification in the construction.

In its simpler form the improved device comprises a standard formed of two wires represented respectively at 10—11 and firmly and closely twisted together throughout the greater portion of their lengths, and separated at one end to form spaced prongs

12—13, the latter adapted to be inserted into the earth to support the standard in a vertical position.

Extending laterally from the standard member 10 at spaced intervals are loops or rings 14, the said rings 14 being connected to the standard member 10 by twisting the parts thereof as shown at 15.

In manufacturing the improved device the standard 10—11 together with the integral loops 14 and the twisted connecting portions 15 will be formed of indefinite lengths and then cut into the required lengths with one or more of the loops connected to each standard and the members 10—11 untwisted for a short distance and bent to form the spaced prongs 12—13. By this means any required number of the standards and their loops may be manufactured and cut into lengths as required. By this means the expense of manufacture is materially decreased and a device produced which is capable of being rapidly manufactured by machinery and in uniform shape.

In Fig. 4 a slight modification in the construction is shown consisting in providing the standard member 11 with loops 16 similar to the loops 14 and connected to the standard member by twisting their parts as shown at 17. By this means two plant stalks may be supported side by side.

In Fig. 5 another slight modification in the construction is shown consisting in bending a standard of double length into U-shape with the terminals separated to form the supporting prongs and with a plurality of the loops in each vertical portion of the standard.

Another modification in the construction is shown in Fig. 6 consisting in forming the standard in a single piece of wire bent intermediate its ends upon itself and the two portions thus produced twisted tightly together with loops or rings formed therein as before described and with the supporting prongs at the free ends of the portions, the two portions of the standard formed into an eye 18 at the bend, as shown.

It will be noted that in the construction shown in Figs. 1 and 2, one of the twisted members is continuous from end to end of the standard, while the loops 14 extend only from the other twisted member. By this means the rigidity of the standard is not lessened or reduced by the presence of

the loops. This is an important feature of the invention, and adds materially to the efficiency, utility and stability of the device.

What is claimed, is:—

- 5 1. A flower supporter comprising a closely-twisted wire-standard having integral portions thereof bent to form spaced lateral loops adapted to encircle the flower-stock at different elevations.
- 10 2. A flower supporter comprising in its entirety, a standard formed by a pair of wires closely twisted together, each wire having integral portions thereof bent to form spaced lateral loops adapted to encircle
- 15 the flower-stock at different elevations, the lower ends of the wires being separated to form spaced supporting prongs.
- 20 3. A flower supporter comprising an inverted U-shaped standard having each of its legs provided with integral loops pro-

jecting laterally therefrom and adapted to encircle the flower-stock.

4. A flower supporter comprising an inverted U-shaped standard formed of a pair of inter-twisted wires, each leg of the stand- 25 ard being provided with loops projecting laterally therefrom and adapted to encircle the flower-stock.

5. A flower supporter comprising an inverted U-shaped standard formed of a pair 30 of inter-twisted wires, each leg of the standard being provided with integral loops projecting laterally therefrom and adapted to encircle the flower-stock.

In testimony whereof, I affix my signature, 35 in presence of two witnesses.

CHARLES A. RIEMAN.

Witnesses:

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E. G. JOHNSTON.