(No Model.)

C. SCHOTT.

PLANT AND TREE PROTECTOR.

No. 356,164. Patented Jan. 18, 1887.

Fig. 1.

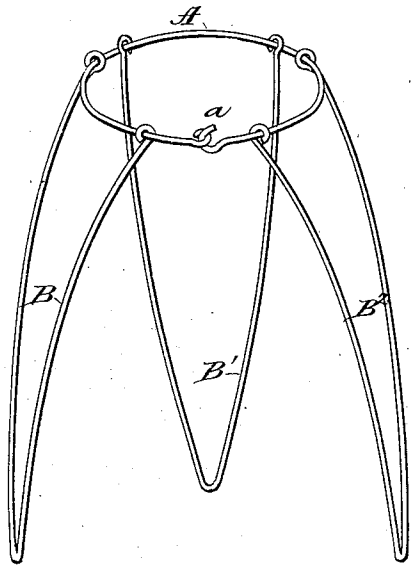


Fig. 3.

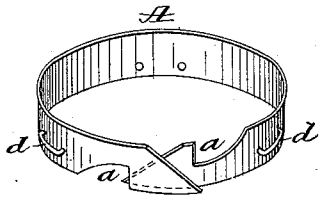


Fig. 4.

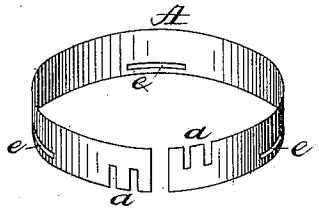
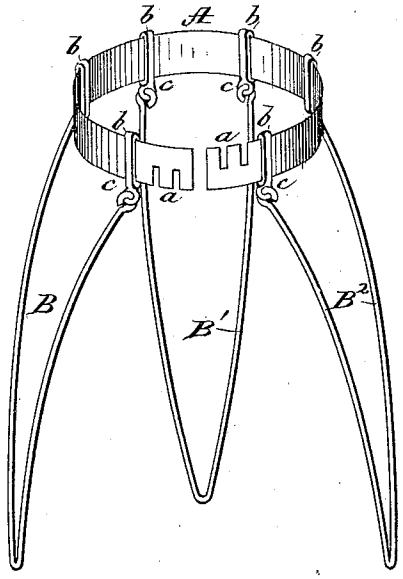


Fig. 2.



Witnesses
Wm. A. Schoenborn.
Henry Glassie

Inventor
Charles Schott
By D. A. Glassie

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

CHARLES SCHOTT, OF NASHVILLE, TENNESSEE.

PLANT AND TREE PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 356,164, dated January 18, 1887.

Application filed March 8, 1886. Serial No. 194,474. (No model.)

To all whom it may concern:

Be it known that I, CHARLES SCHOTT, a citizen of the United States, residing at Nashville, in the county of Davidson and State of Tennessee, have invented certain new and useful Improvements in Plant and Tree Protectors; 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 has relation to an improved adjustable support for plants, shrubs, small trees, &c., that shall be simple in construction, convenient in use, and that may be of any desired size, and adaptable as well to confining within proper limits as supporting the plant, &c.; and it consists in the subject-matter hereinafter described and claimed.

Figure 1 is a perspective in elevation of one form of the complete support ready for use, showing a wire hoop. Fig. 2 is a perspective of another form of the complete support ready for use, showing a wide hoop or band. Fig. 3 is a perspective of a wooden hoop or band, showing staples for securing the legs thereto. Fig. 4 is another perspective of a hoop or band, showing slots in the periphery.

Similar letters of reference indicate corresponding parts.

A is a hoop, band, or girdle, of any desired length and breadth, constructed of any suitable material, and provided at the ends with indents, clasps, or grips *a*, or any other simple and suitable means of fastening the two ends together.

B B′ B² are bifurcated legs for supporting the band A, constructed, preferably, of wire of sufficient strength for the purpose, branching upward from a foot to the band A, where the several branches are secured.

The supports or legs B should be secured to the band or hoop A by free joints, and so arranged that the location of the leg may readily be changed, as they can thus be better arranged to resist a strain from any particular direction. To this end, therefore, when the hoop or band A is constructed of wire, I form simple eyelets in the upper ends of the supports or legs B, through which the band A is passed, as seen in Fig. 1, thus affording an easy movement; but when constructed of wood, bands of metal, or any other suitable material, while long staples *d* may be introduced into the wooden band or long slots *e*, cut into the metal bands, as seen in Figs. 3 and 4, respectively, to which the legs may be secured, I prefer to adjust on such bands A sliding bands *b*, having loops *c*, to which the legs B are secured, as seen in Fig. 2.

Certain shrubs, plants, and trees straggle, tumble down, break over, or incline so in one direction that their deformities are offensive, and the plant is ruined. To overcome this disposition, as well as to aid in training, supporting, and confining plants that are liable to break or otherwise need such care, my supporter will be found invaluable. To this end the band or hoop is placed about the peduncle of the plant or shrub or the trunk of the tree and clasped immediately below the pedicels or branches to be supported or confined, and then by bringing the supporting-legs B nearer to or farther from the base or root of the shrub, plant, or tree, it is adjusted in the proper position and at the required height; and the legs B, being free on the hoop or band A, may be arranged directly opposite, so as to resist and overcome the inclination of a plant to grow in one direction, thus correcting its deformity and giving a new bent to its fiber.

It becomes necessary at times, in training a plant or shrub, to confine the pedicels or branches more closely in the outset than later on. To meet this exigency, as a matter of economy, I introduce, when desirable, several indents, clasps, or catches, *a*, in the band or hoop A, whereby the same may be enlarged or reduced without deranging the supports. (See Figs. 2 and 4.) So, too, the supporting-band A may be raised or lowered at will by changing the location of the feet of the legs B.

Having now fully described my invention, what I desire to protect by Letters Patent is—

1. A support for plants, shrubs, vines, and trees, consisting of a single encircling adjustable hoop or band having securing-clasps and mounted on and supported by three or more adjustable legs arranged and hinged thereon, substantially as shown and described.

2. A plant, vine, shrub, and tree support consisting of an adjustable hoop or band hinged to and sustained by three adjustable and freely-moving legs having upward-diverging branches, substantially as shown and described.

3. In a plant, shrub, vine, and tree support, the combination of adjustable confining hoop or band A, having securing-clasps *a*, and adjustable legs B B B, having upward-diverging branches hinged thereon, substantially as shown and described.

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

CHAS. SCHOTT.

Witnesses:
JOHN L. GLENN,
ED. LARRIENT.