

Jan. 2, 1923.

E. S. WEDDLE.
VINE TRELLIS,
FILED APR. 8, 1922.

1,440,946.

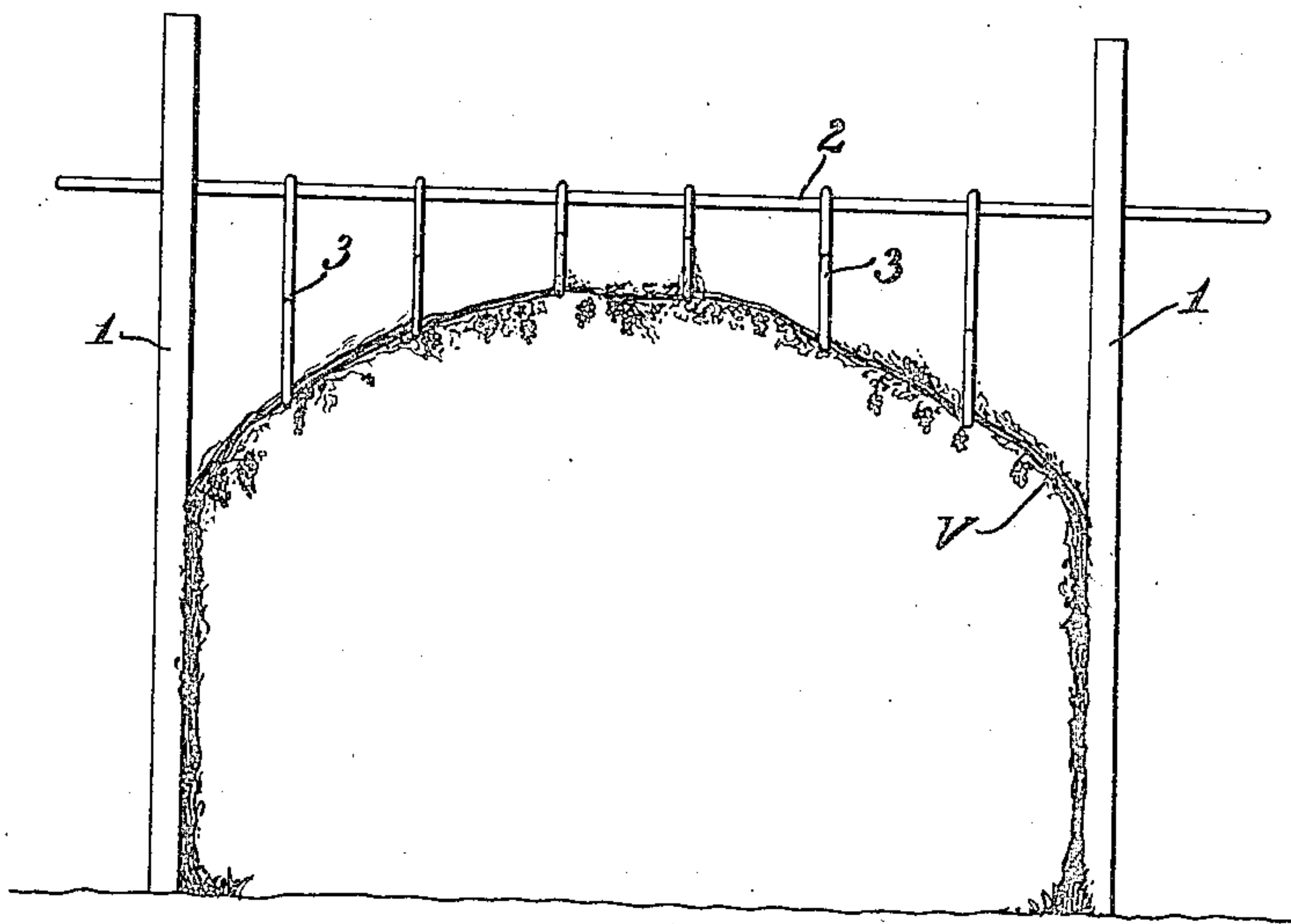


Fig. 1.

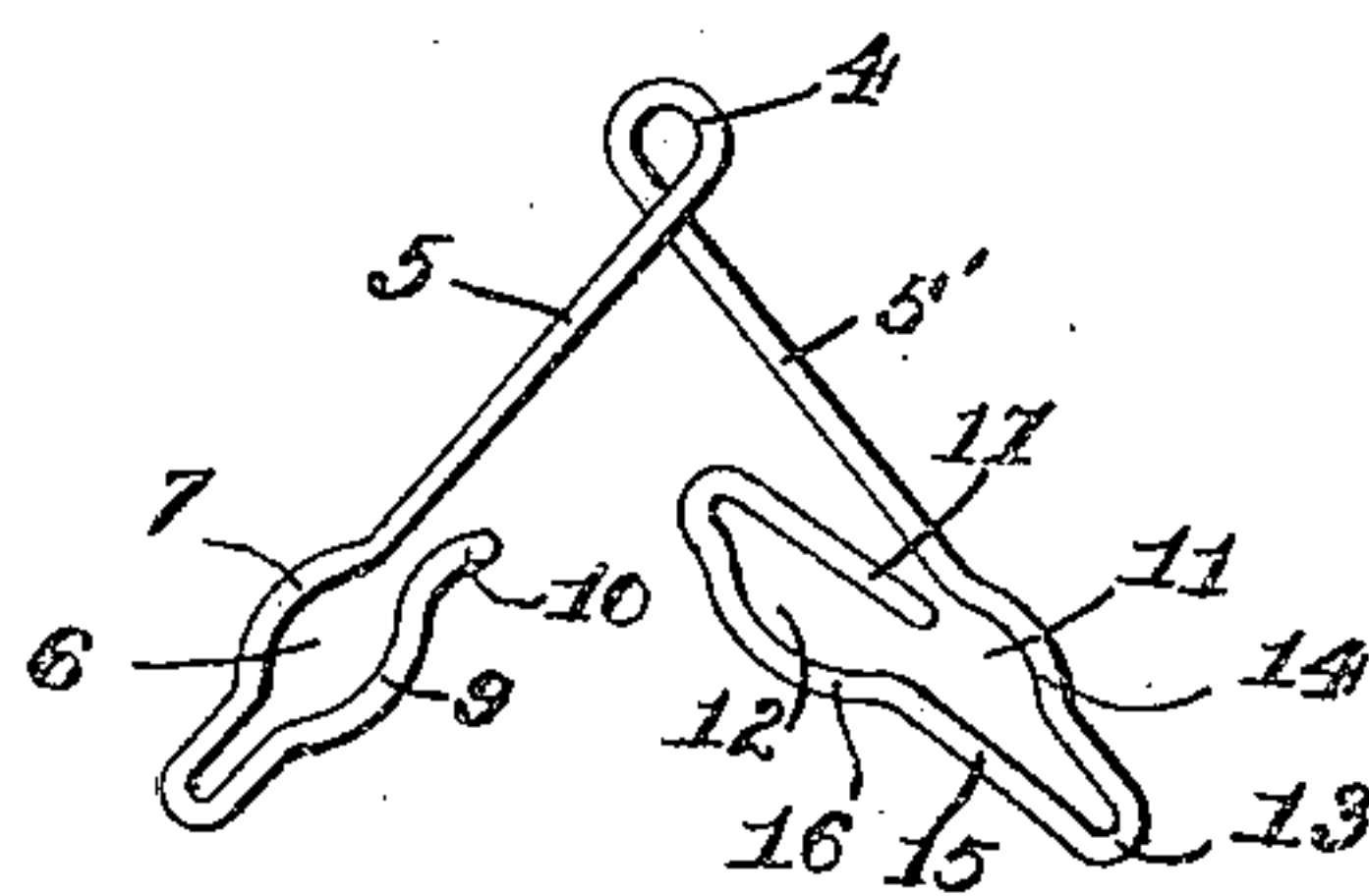


Fig. 2.

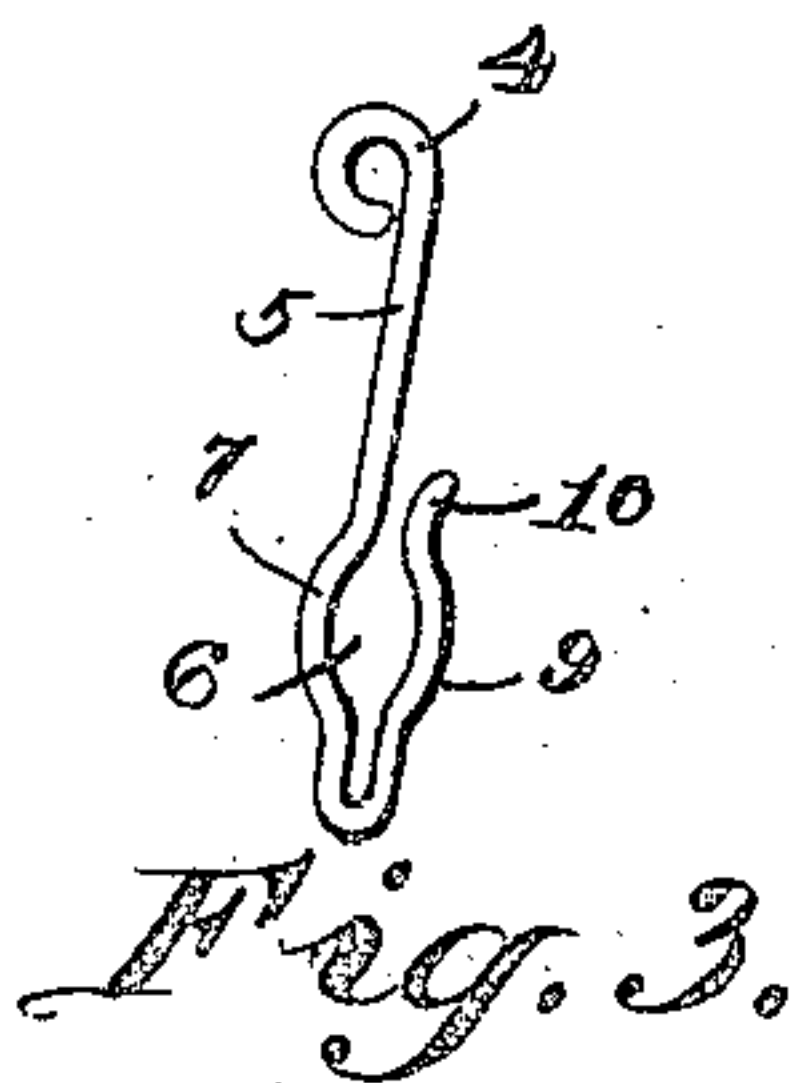


Fig. 3.

E. S. Weddle,

Inventor

By *Charles*
Attorney

UNITED STATES PATENT OFFICE.

ETHELBERT S. WEDDLE, OF DINUBA, CALIFORNIA.

VINE TRELLIS.

Application filed April 8, 1922. Serial No. 550,699.

To all whom it may concern:

Be it known that I, ETHELBERT S. WEDDLE, a citizen of the United States, residing at Dinuba, in the county of Tulare and State of California, have invented a new and useful Vine Trellis, of which the following is a specification.

This invention relates to trellises for vines and more particularly to the fasteners for connecting the line wires or cross bars of the trellis with the vines to be supported.

The object of the invention is to provide simple and efficient holders for the vines whereby they may be quickly connected with the trellis and yet provide sufficient elasticity to permit the vines to swing with the wind to prevent breakage thereof.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that within the scope of what is claimed changes in the precise embodiment of the invention shown, can be made without departing from the spirit of the invention.

In the accompanying drawings:—

Figure 1 represents a front elevation of a trellis constructed in accordance with this invention with a vine shown engaged therewith.

Figure 2 is a detail of one of the vine holders employed in connection with the trellis, and

Figure 3 is a similar view showing another form of holder.

In the embodiment illustrated, a plurality of posts or stakes 1 are positioned suitable distances apart and connected by a cross wire 2 which may be held engaged with the stakes in any suitable manner. Carried by the cross wire 2 are a plurality of vine supporting devices or holders 3, any desired number of which may be employed and which are mounted to slide on the wire 2, being preferably of different lengths as shown in Figure 1 to suitably support different parts of the vines.

In Figure 2 a substantially V-shaped double holder 3 is shown constructed over a single piece of wire bent intermediate its ends to form a wire engaging eye 4. The ends of the wire diverge from said eye 4 constituting legs 5 and 5', one of which has a vine

engaging clamp 6 formed at its free end by bending the wire outwardly at 7 and then folding it at 8 and extending for a short distance in parallel relation, then bowing it outwardly at 9 to form a clamping jaw for cooperation with the jaw 7, the terminal of the wire 10 being slightly flared and arranged to form a receiving mouth to facilitate the insertion of the vine between the jaws.

As shown in Figure 2 the other leg 5' is bent to form a double clamp to receive two branches or parts of the vine to be supported. These clamps 11 and 12 are formed by bending the outer end of leg 5' at 13 and bowing said leg outward at 14 to form the clamp 11 while the inwardly extending portion 15 is bowed outwardly at 16 and the terminal 17 thereof extended inwardly to form the cooperating member of the jaw 12.

In Figure 3 a single holder 3' is shown which is constructed exactly like one member of the double holder shown in Figure 2, one of the legs being cut off adjacent the eye 4. From the above description it will be obvious that either single or double holders may be employed in connection with the supporting wire 2, and the said holders may be made either of uniform length or increased gradually as shown in Figure 1 from the center toward the ends of the wire. The holders 3 having been strung on the wire 2, a vine V may be quickly connected therewith by simply inserting it between the jaws of the respective holders without necessitating any tying or bending, and when so inserted it will be clampingly engaged sufficiently tight to support the vine and will yet permit it to swing with the wind to avoid breakage of the vines by the wind.

I claim:

1. A holder of the class described comprising a piece of wire bent to form a support engaging eye and then folded and the members bowed outwardly in opposite directions to provide a vine clamp, said clamp having a flared inwardly opening mouth for the passage of the vine.

2. A holder of the class described comprising a single piece of wire bent to form a support engaging eye and having a clamping loop formed with outwardly bowed side walls merging at the closed end of the loop into parallel members and with its mouth flared.

3. A substantially V-shaped vine holder having a support engaging eye at its apex and inwardly opening clamping loops at its ends, said loops having outwardly bowed legs to avoid abrasions of the vine by the holder.

In testimony that I claim the foregoing as

my own, I have hereto affixed my signature in the presence of two witnesses.

ETHELBERT S. WEDDLE.

Witnesses:

E. C. SNELL,
L. D. ARCHER.