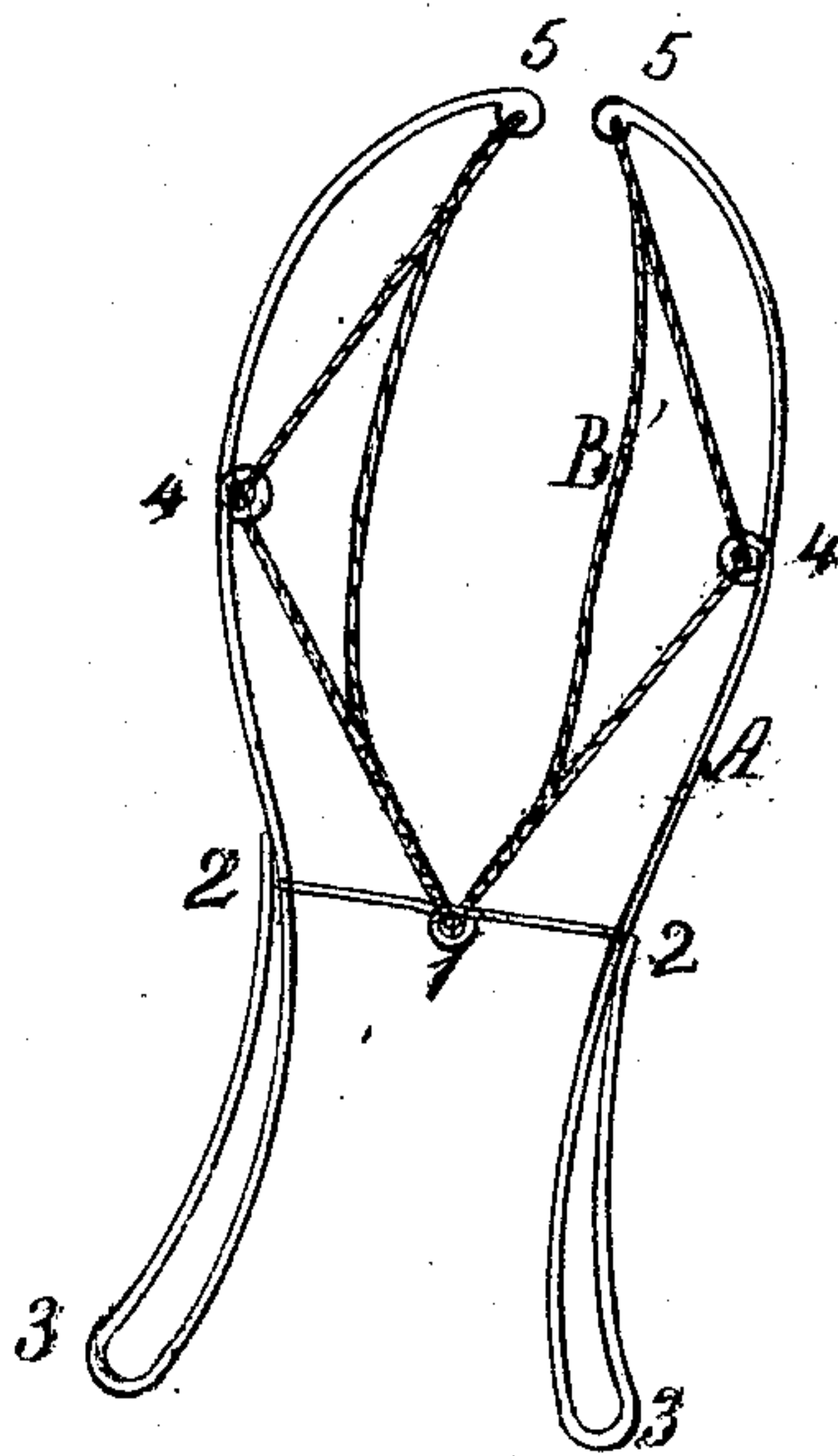


*G. J. Olendorf,
Vine-Holders.*

Nº 72,075.

Patented Dec. 10. 1867



Witnesses
Samuel Harper
Hiram Tuttle

Inventors
Garret J. Olendorf
Albert C. Parrhall

United States Patent Office.

GARRET J. OLENDORF AND ALBERT O. PARSHALL, OF MIDDLEFIELD,
NEW YORK.

Letters Patent No. 72,075, dated December 10, 1867.

IMPROVEMENT IN VINE-HOLDER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, GARRET J. OLENDORF and ALBERT O. PARSHALL, of the town of Middlefield, county of Otsego, in the State of New York, have invented a new and useful instrument, which we call a Vine-Holder, for the purpose of holding hop-vines to the pole while they are tied; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The nature of our invention consists in the construction of an instrument of such an elliptical form that it will fit any ordinary-sized pole, and of such pliable material that it will not injure the vines, but hold them with the delicacy of the human hand while they are tied, and thus greatly facilitate the tying up of hop-vines, saving the labor of one person, as it takes two, one to hold the vines while the other ties them.

A is a wire frame; but said frame may be made of metal, gutta percha, bone, wood, or horn. We take a piece of spring wire, of sufficient length, coil it once or more in the centre, thus forming an eylet, to connect the cord with it, and also a coil spring in the cross-bar No. 1; then about one and a quarter inch each way, twist it around, forming eylets 2 2; bring the ends around and put them through said eylets; draw them through so far as to form bows about two and a half inches long, which forms the handles 3 3; then twist said wire so as to form eylets at 4 4 and 5, leaving it of sufficient length from 2 to 5 to form the jaws of the instrument. B is an elastic cord, but twine may be used instead; it is connected to the frame A, 1 at, 4, and 5, in such a manner as to be suitable for the work for which it is designed.

These instruments can be made of different sizes and constructed in different forms; they can be made with a joint at figure 1, or joints at 2 2, with a spring between the handles, or between the jaws; or they may be made whole, out of gutta percha, or forged of steel or brass, if desired; and they can be constructed of such an elliptical form as to be used without handles, or handles may be attached to them.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The frame A, constructed as described and set forth, for the purpose specified.
2. We claim the cord B, combined with and supported by frame A, as described and set forth, for the purpose specified.

GARRET J. OLENDORF,
ALBERT O. PARSHALL.

Witnesses:

SAMUEL HARPER,
HIRAM TUTTLE.