

No. 694,865.

Patented Mar. 4, 1902.

C. KACHOLD.
TREE STAND OR SUPPORT.

(Application filed Mar. 22, 1900.)

(No Model.)

Fig. 2.

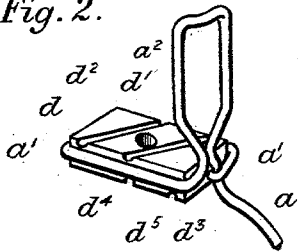


Fig. 1.

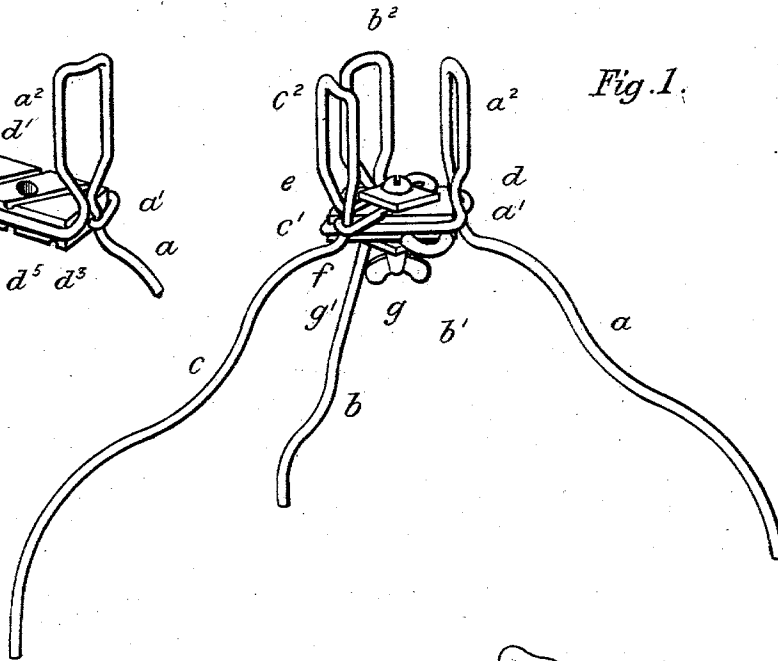


Fig. 3.

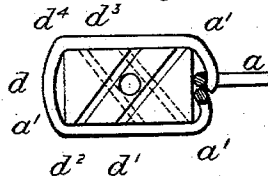
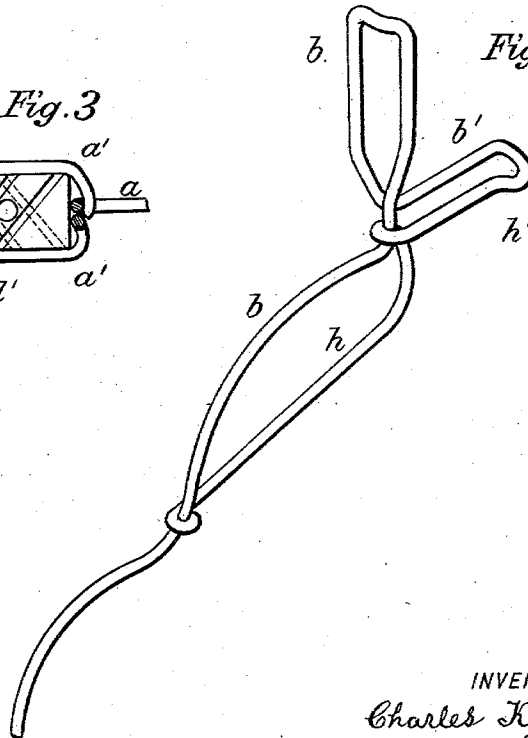


Fig. 4.



WITNESSES:

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CHARLES KACHOLD, OF PORTLAND, OREGON.

TREE STAND OR SUPPORT.

SPECIFICATION forming part of Letters Patent No. 694,865, dated March 4, 1902.

Application filed March 22, 1900. Serial No. 9,804. (No model.)

To all whom it may concern:

Be it known that I, CHARLES KACHOLD, a citizen of the United States, and a resident of Portland, in the county of Multnomah and State of Oregon, have invented a new and useful Tree Stand or Support, of which the following is a specification, reference being had to the accompanying drawings as a part thereof.

My invention relates to devices for supporting Christmas trees, but is adapted to other uses as well.

The object of my invention was to construct a stand comprising three adjustable legs formed of heavy wire and having vertically-projecting portions, which when the legs are fixed in position provide a socket in which the base of the tree may be inserted, the legs being adjustably fixed together and admitting of being extended, so as to adapt the size of the socket to receive the object to be therein inserted, and the means fastening the legs together being adapted to allow such legs to be compactly folded, bringing the whole device within a convenient size and shape for shipping or for laying the stand aside when not in use.

The construction and operation of my invention will be seen from the drawings above referred to, in which—

Figure 1 is a perspective elevation of the whole of my device set up in position to receive the tree or other object to be thereby supported. Fig. 2 is an enlarged partial perspective of the leg or standard *a*, illustrating the manner in which the grooved block *d* is fixedly held in the ear *a'* of said standard. Fig. 3 is a plan of the same parts as seen in Fig. 2, this figure more particularly showing the diagonally-extending grooves *d'* *d''* on the upper surface of the block *d* and like grooves *d'''* *d''''* projecting in an opposite direction on the under side of said block; and Fig. 4 shows in perspective elevation one of the legs or standards of my device, to which are added two additional features, one being a brace or truss *h*, formed out of an extension of the wire end, shaped and grasping the standard *a*, as seen, and the other feature being a loop *h'*, provided at the extremity of the ears, so that when the bolt and nut by which the standards are held together is loosened the

said standards are better adapted to be flatly folded together side by side, as mentioned.

The letters designate the parts referred to.

As is observed from the drawings and the remarks already made, each of the standards of my device is made of wire of sufficient strength and rigidity to hold the object to be supported on the stand. In its details of construction the base of the standard may be given any pleasing form. The upper extremity or head of the standard is shaped as illustrated by *a*², presenting a skeleton wall slightly concave on its inner surface, so that when the legs or standards *a* *b* *c* are in position the said portions *a*² *b*² *c*² will together constitute a socket in which the object to be supported by my stand may be inserted and held. At the base of the socket portion the standard *a* is provided with an ear *a'*, which encompasses and rigidly holds the block *d*. The said block *d* is provided on its upper surface with the diagonal grooves *d'* *d''* and on its under surface with the diagonal grooves *d'''* *d''''* and a perforation *d*³. The standards *b* and *c* have each, also, a horizontally-extending ear portion *b'* and *c'*, which ears are respectively inserted in the said diagonal grooves on the upper and under surface of the block *d*. A threaded bolt *g*, inserted in a washer *e*, is inserted through the ears and block *d* after said ears have been placed in their grooves, as mentioned. A washer *f* is next inserted upon the bolt below the ear on the under side of the block *d*, and finally, by means of a winged nut *g'*, the said standards, after having been suitably adjusted, are fixedly held together. By the described construction of the device and means whereby the said legs or standards are held together provision is made for extending said legs and drawing them together, so as to adjust the sockets to the required size. In said adjustment the ears slide in their grooves.

When the stand is not in use and is to be laid aside or when to be shipped from the place of manufacture to the retailer, the winged nut *g'* may be loosened, so that the ears of the adjustable standards *b* *c* may be lifted out of their grooves and the said standards folded side by side with the standard *a*, thus arranging the whole device in compact and convenient form. To facilitate the folding of

the standards *b c*, their ears may be provided with a loop or recessed portion *h'*, as illustrated in Fig. 4, and if the standard is designed to support a very heavy weight the standards
5 may be braced by extending the end of the wire in the form of a truss, like *h*, as shown in Fig. 4.

While I have described my device as made of wire, yet I have done so only because I
10 found this to be most practical in my own experience. The said legs or standards may, however, be cast, formed, pressed, or otherwise made of other material, and I do not limit myself in this respect to any particular material.
15 The block *d* I have usually made of wood; but the same may also be made of other suitable material, and I do not limit myself to the precise form described of the means whereby the three standards of my stand may
20 be fixedly fastened together.

What I do claim, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, the combination of a stand comprising three standards, or legs, *a, b, c*, having vertically-projecting portions, *a², b², c²*, constituting a socket,
25 and horizontally-projecting ears, *a', b', c'*, a block having grooves adapted to adjustably receive the said ears diagonally, one over the
30 other, and means for securing such ears and thereby the said standards in position, substantially as described.

2. As a new article of manufacture, the combination of a stand comprising three standards, or legs, having vertically-projecting portions constituting a socket, and horizontally-projecting ears; a block held in the ear of
35 one of such legs having diagonal grooves on its upper and under surfaces, adapted to re-

ceive said ears of the other two legs, and adjustable means engaging said ears for fixing said standards in position, substantially as described.

3. As a new article of manufacture, the combination of a stand comprising three standards, or legs, having vertically-projecting portions constituting a socket, and horizontally-projecting ears; a block held in the ear of
45 one of such legs having diagonal grooves in its upper and under surfaces adapted to receive said ears of the other two legs; a truss or brace for the legs, to strengthen the same, and adjustable means engaging said ears, for fixing said standards in position, substantially as described.

4. As a new article of manufacture, the combination of a stand comprising three wire standards, or legs, *a b c*, having vertically-projecting portions *a², b², c²*, constituting a socket, and horizontally-projecting ears *a', b', c'*; the block *d* fixedly held in the ear of the
60 standard *a* and having diagonal grooves *d', d²*, and *d³, d⁴*, on its upper and under surfaces, in which to receive the ears of the standards *b* and *c*; washers *e, f*, and a threaded bolt and
65 nut, inserted through a perforation in said block, and whereby the said washers are caused to bear upon the ears of the standards *b, c*, and the latter fixed in position, substantially as described.

In testimony whereof I have hereunto set my hand, in the presence of two witnesses, this 22d day of February, 1900.

CHARLES KACHOLD.

Witnesses:

T. J. GEISLER,
L. D. HENDERSON.