June 16, 1925. 1,542,706

A. C. LANG

ATTACHING DEVICE

Filed April 8, 1924

Fig. 1.

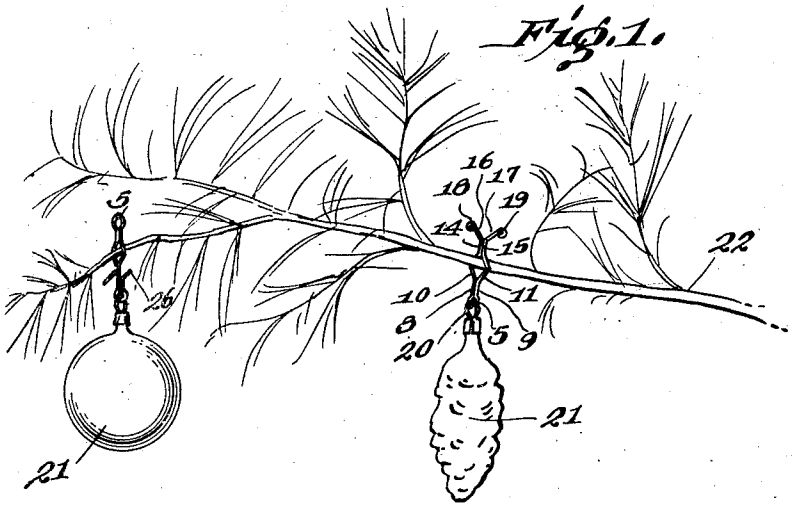


Fig. 2.

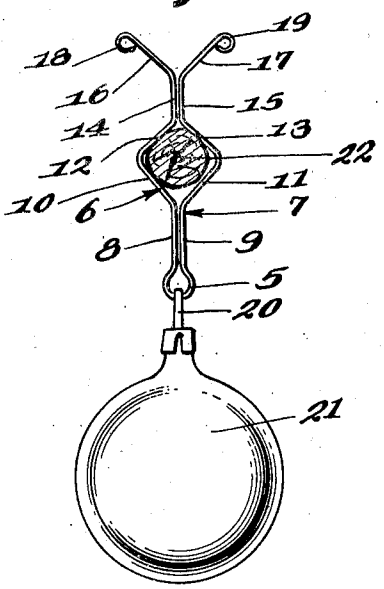
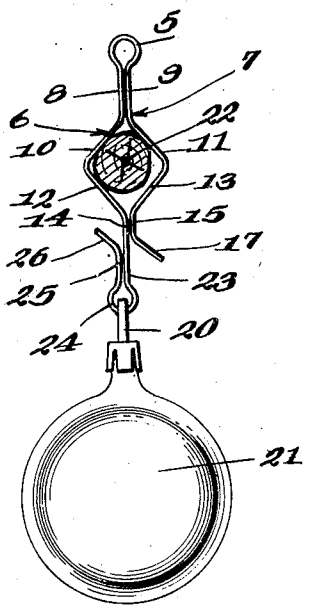


Fig. 3.



Inventor

Archie C. Lang.

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UNITED STATES PATENT OFFICE.

ARCHIBALD C. LANG, OF LEETSDALE, PENNSYLVANIA.

ATTACHING DEVICE.

Application filed April 8, 1924. Serial No. 705,059.

To all whom it may concern:

Be it known that I, ARCHIBALD C. LANG, a citizen of the United States, residing at Leetsdale, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in an Attaching Device, of which the following is a specification.

The present invention relates to quick attaching means for supporting articles in suspended position.

An object of the invention is to provide novel attaching means, and more particularly a device for fastening ornaments to Christmas trees, and aims to provide a novel and improved device of that kind for conveniently and efficiently attaching, holding, and detaching ornaments from a Christmas tree.

Another object is the provision of a novel ornament fastener, that is made of a single strand of spring wire, having a minimum amount of steps in the manipulation of the wire during the formation thereof, so as to provide a device that is simple and substantial in construction, which can be manufactured economically, and which will be thoroughly efficient and practical in use.

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

The invention is illustrated in the accompanying drawing, wherein:

Figure 1 is a perspective view showing two forms of my device applied to the limb of a tree,

Figure 2 is a side view of the preferred form of my device, and

Figure 3 is a side view of a modified form.

Referring to the drawing, my improved device consists of a single strand of spring wire having a rounding bent portion intermediate its ends, to provide a loop 5, and a pair of legs 6 and 7. The wire after forming the loop 5 has the legs 6 and 7 extending away therefrom adjacent and parallel to one another as at 8 and 9, for a short distance, when the legs 6 and 7 are continued diverging from one another as shown by the numerals 10 and 11 until they are spaced a short distance apart approximately the same as the straight parallel portions 8 and 9, and are then converged as at 12 and 13 to provide a loop of considerable size. The legs 6 and 7 then are again arranged adjacent and parallel to each other as indicated by the numerals 14 and 15 for a distance similar to the portions 8 and 9, and are again diverged from each other as shown at 16 and 17 for a like distance, and have their ends provided with small loops 18 and 19.

In operation, one of the legs 6 or 7 is adapted to be slipped through the ring 20 of an ornament 21 until the ring 20 is received in the loop 5. The device is then pressed against the limb 22 of a tree with the diverging portions 16 and 17 engaging opposite sides of the limb, thus forcing the legs 6 and 7 apart until the limb 22 is received in the large loop formed by the diverging and converging portions 10, 11, 12, and 13.

When it is desired to remove the ornament from the tree, pull is exerted on the device, the converging portions 12 and 13 engaging the limb 22 will separate the legs 6 and 7 and allow the device to be removed.

In the modified form as shown in Figure 3, instead of having both legs 6 and 7 diverging at the portions 16 and 17, only one leg diverges, while the other leg extends straight a short distance as shown at 23, and is then bent upon itself to provide a loop 24, similar to the loop 5. After forming the loop 24 the strand of wire lies parallel and adjacent the portion 23 as at 25, and the end thereof is then diverged as at 26 for a short distance.

In this form the loop 5 is not used for receiving the ring 20 of the ornament but merely aids in the spring action of the legs, while the loop 24 receives the ring of the ornament.

While I have shown and described my device for use in attaching ornaments to Christmas trees, it is to be understood that same can be used for various purposes, such as hanging up show cards, placing price tags on clothing, hanging up paper lanterns, etc., without departing from the spirit of the invention.

Having thus described my invention, what I claim as new is:

An attaching device formed from a single strand of wire bent upon itself at points spaced from its end extremities to form

eyes in the form of curved loops, the end extremities of the strand wire diverging from each other in opposite direction and being disposed approximately parallel with each other and being located between the said loops, the intermediate side portions of the wire located between the said end extremities and one of the said loops being outwardly bowed and the axis of the strand of wire throughout its length lying in the same plane.

In testimony whereof, I have affixed my signature in the presence of two witnesses.

ARCHIE C. LANG.

Witnesses:
L. N. DAVIS,
WALTER R. GREENE.