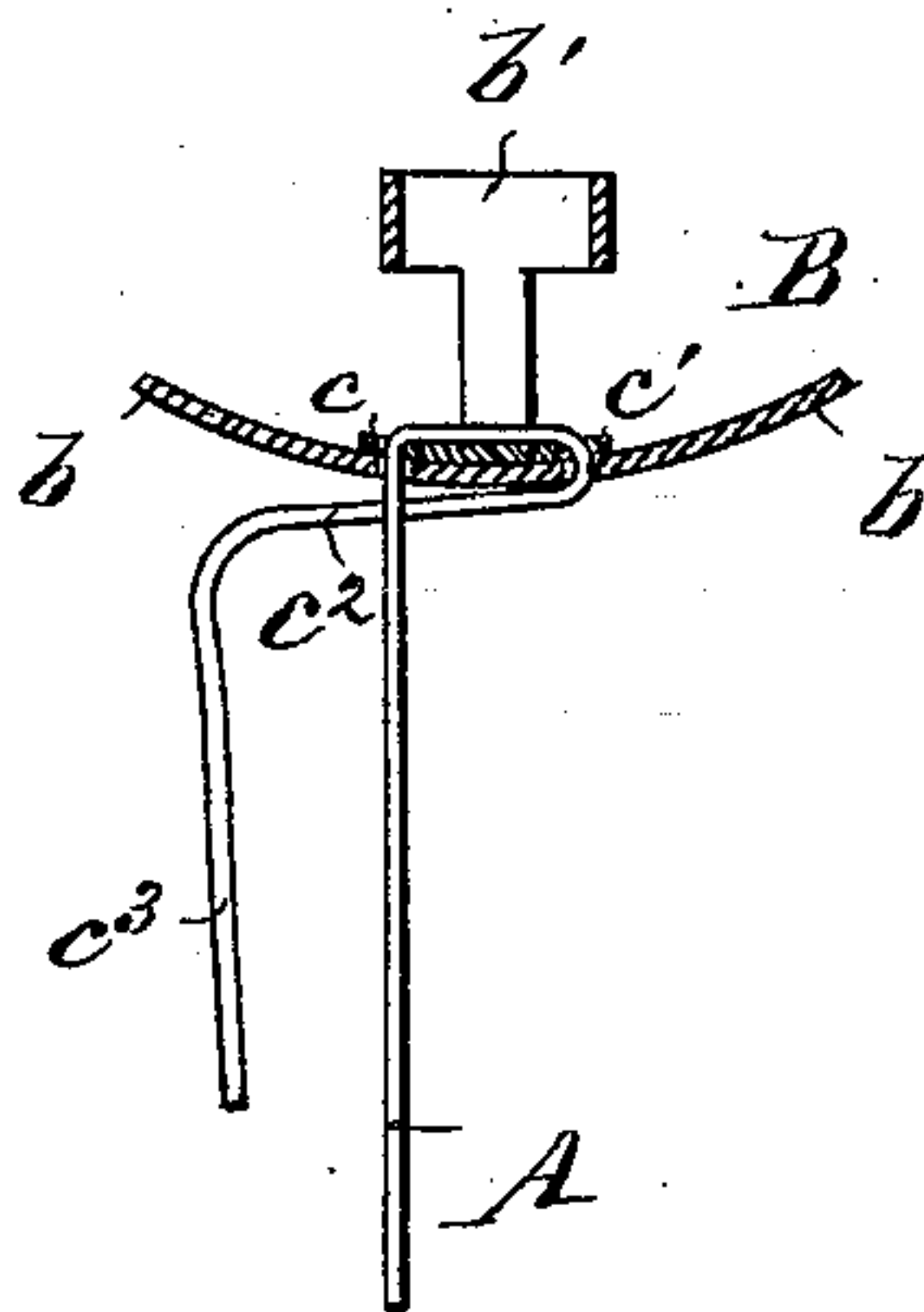
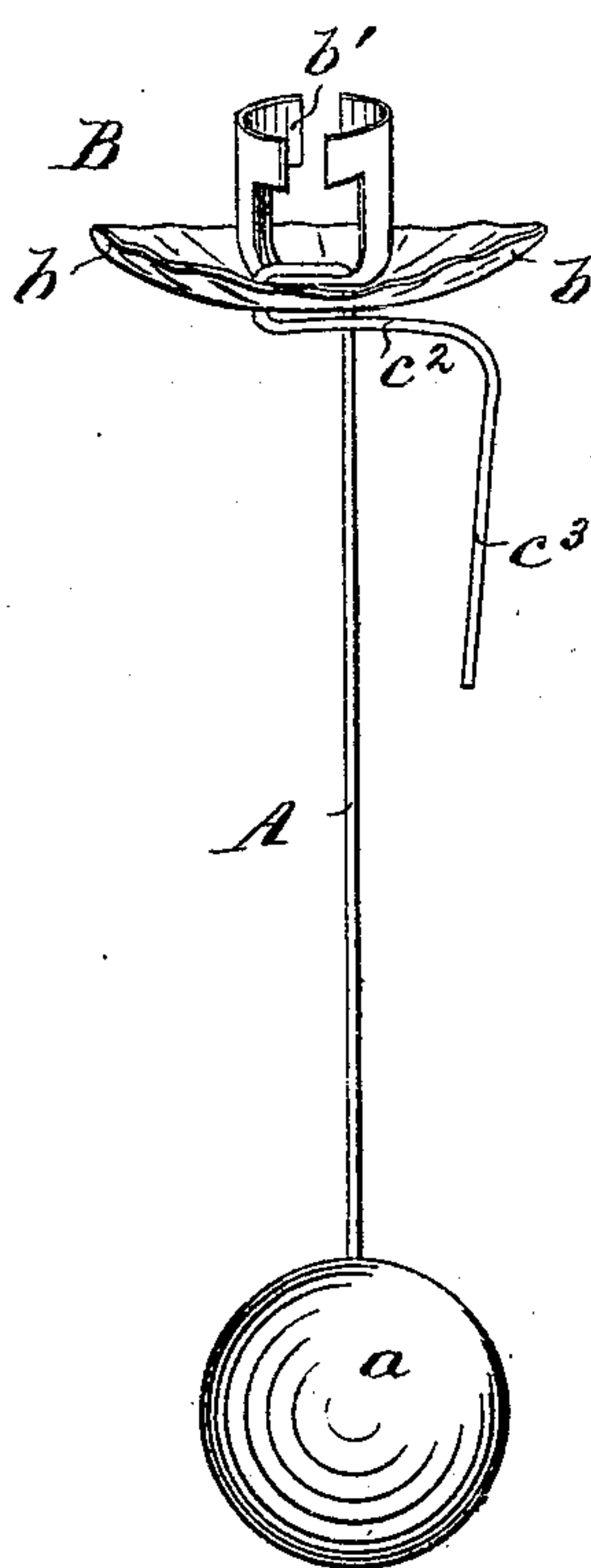


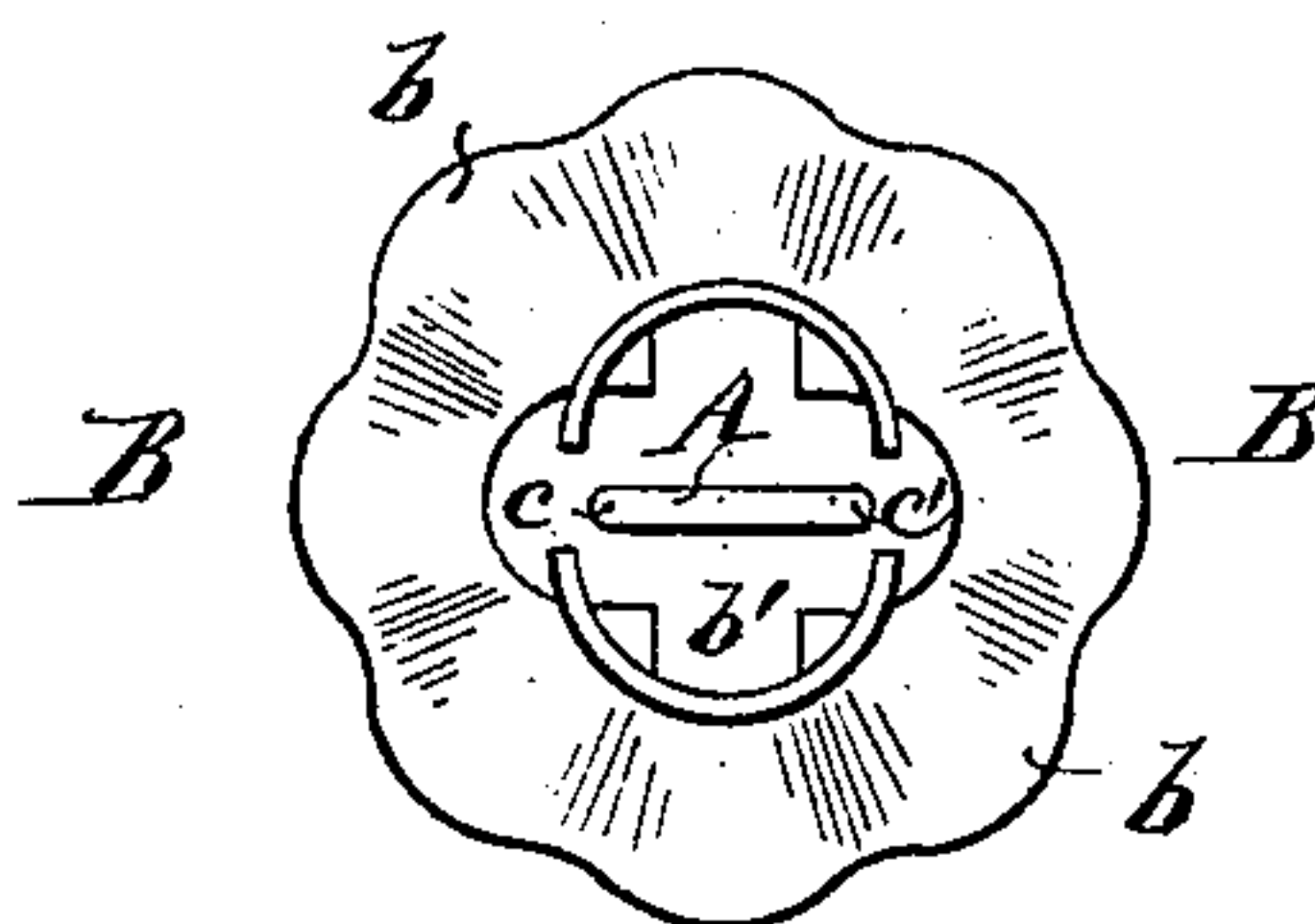
F. GALSTER.  
Candle-Holder.

No. 202,342.

Patented April 16, 1878.



*Fig. 2.*



*Fig. 3.*

Witnesses;  
Chas Herthel  
J. W. Herthel.

Inventor;  
Frank Galster  
per Herthel & Co

# UNITED STATES PATENT OFFICE.

FRANK GALSTER, OF BELEW'S CREEK, MISSOURI.

## IMPROVEMENT IN CANDLE-HOLDERS.

Specification forming part of Letters Patent No. **202,342**, dated April 16, 1878; application filed October 5, 1877.

*To all whom it may concern:*

Be it known that I, FRANK GALSTER, of Belew's Creek, Jefferson county, and State of Missouri, have invented an Improved Candle-Holder, of which the following is a specification:

This invention is an improvement in candle-holders more specially designed for a Christmas-tree.

This invention will first be described and then pointed out in the claim.

In the drawing, Figure 1 is a perspective view; Fig. 2, a sectional elevation; Fig. 3, a top plan.

A is the wire rod, which, at its lower end, carries a weight or ball, *a*. B represents the candle-holder proper. It consists of the saucer *b* and the candle-socket *b'*. (See figures.)

I do not solder the candle-socket to the saucer, as is ordinarily done, but I secure said parts by means of the wire A, and this constitutes a novel feature of my invention.

The soldering of the parts just mentioned is practically objectionable, as the heat from the candle loosens the solder, causing a separation between the wire from the holder proper.

I cause the upper end of the wire A to pass up through a hole at *c*, (made in bottom of saucer *b* and also socket *b'*;) thence I pass said rod a short distance, say to the right, over the surface of the socket *b'*, (see figures;) thence pass said rod down a second hole at *c'* through both socket and saucer. This done, the remaining wire is bent to form a hook, as follows: That part of the wire projecting through the opening *c'*, I bend to pass horizontally, say to the left, under saucer *b* a sufficient distance, and as indicated in the drawing, and, finally, the extremity of said wire is bent vertically. (See Figs. 1, 2. It is, therefore, the horizontal part of the wire at *c''* and its vertical part at *c'''* (see Figs. 1, 2) that constitutes the hook. The branch of the tree is grasped by the hook, or between the wire parts A *c'''* and the bearing *c''*. If need be, the end *c'''* can be twisted round the branch, and as said end consists simply of wire, it can

be bent apart or closer together, and thus is adapted to be secured to large or smaller branches.

For straight limbs affording a straight bearing, the candle-holder will be simply suspended from the bearing *c''*. In case the limb slants, inclines, or falls to one side from the additional weight, then the wire extremity *c'''* can be bent, twisted, or coiled about said limb, and thus the device can be secured in places desired.

My hook is adapted to form a secure fastening, and to prevent the burning of the limb or tree, or accidents arising from the use of devices in which the hook has no fastening end like *c'''*.

My candle-socket is adapted for large or small candles. For this purpose I cut the opposite sides of the socket to form the T-shaped sides, (shown in Figs. 1 and 2,) instead of being full annular sides, as ordinarily made. The metal so left away enables the T-sides to be bent to and from the center, and by means whereof the T-heads of the socket can be made to hold or contain different sizes of candles.

I deem it important that the wire stem or rod be passed through the two holes at *c* *c'*, as this forms a non-destructive character for the hook, besides joining the socket and saucer to the stem part in a manner not to be affected by the heat.

What I claim is—

As an improved article of manufacture, the wire rod A, having its upper extremity passing through the holes at *c* *c'* of the saucer *b* and socket *b'*, and the hook consisting of the horizontal and vertical parts *c''* *c'''*, in combination with the ball below, forming the candle-holder, substantially as set forth.

In testimony of said invention I have hereunto set my hand.

FRANK GALSTER.

Witnesses:

WILLIAM W. HERTHEL,  
JNO. W. HERTHEL.