

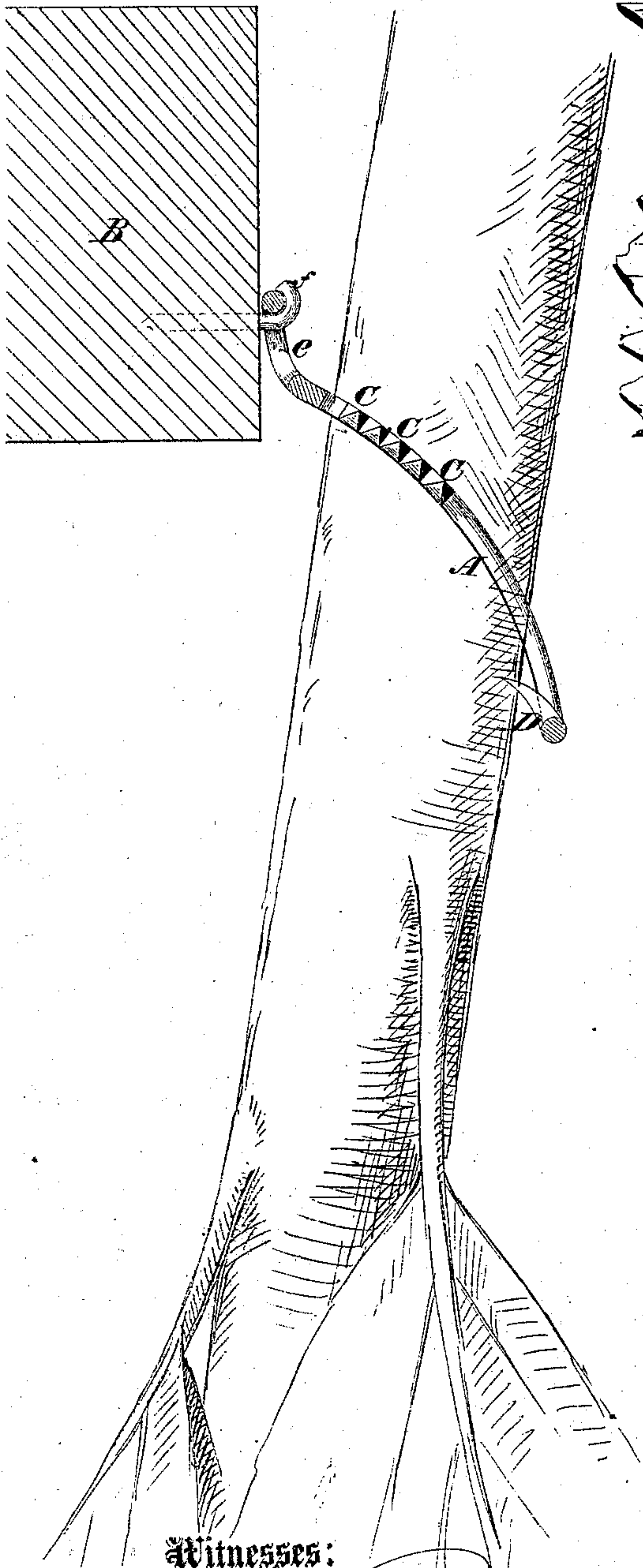
F. G. JOHNSON.

Improvement in Tobacco-Hangers.

No. 130,806.

Patented Aug. 27, 1872.

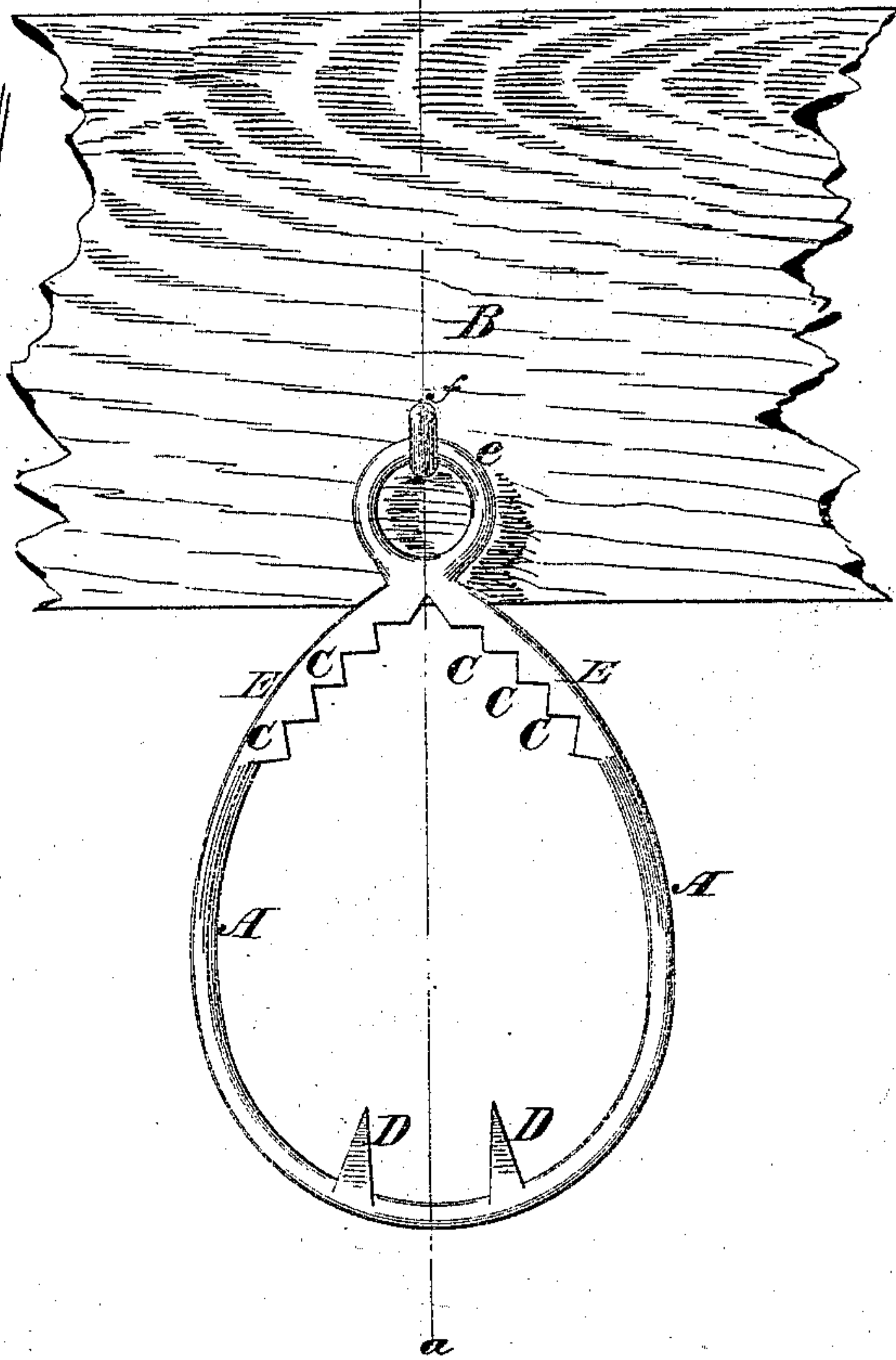
Fig. 1.



Witnesses:

Wm. Wheel
Johnston Morse

a Fig. 2.



Inventor:

Frank G. Johnson

UNITED STATES PATENT OFFICE.

FRANK G. JOHNSON, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN TOBACCO-HANGERS.

Specification forming part of Letters Patent No. 130,806, dated August 27, 1872.

To all whom it may concern:

Be it known that I, FRANK G. JOHNSON, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Tobacco-Holder; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

My invention relates to a method of suspending green tobacco in drying-houses.

It is well known that green tobacco is suspended by lashing it to horizontal poles with twine, which requires skilled labor and much time, besides involving destructive consumption of the twine, and causing injury to the tobacco whenever the twine happens to break.

The object of my invention is to provide a more secure method of suspending tobacco while it is being dried, and, at the same time, to lessen the aggregate expense; which I accomplish by providing a novel metallic holder for each stalk of tobacco, which, by means of a wire staple, is permanently attached to the horizontal poles, and then to be employed from year to year.

Figure 1 represents a side view of the holder suspending a stalk of tobacco. Fig. 2 is a front view of the holder.

Similar letters of reference indicate corresponding parts.

The holder may be cast or stamped out of plate-metal, or it may be formed of wire, as may be most desirable.

A A represents the body of the holder, which is a ring of metal, more or less oval in form and bent out of a true plane, as shown by Fig. 1, securely fastened to the vertical side of the horizontal pole B by means of a staple, f, passing through the eye e. D D are two or more sharp spurs projecting from the lower side of and toward the center of the oval ring, and bent down from the general plane of the

ring, as shown in Fig. 1. The sides of the ring E E, Fig. 2, approaching each other at an angle at the upper side of the ring, act as jaws, which, more or less, bind the stalk of tobacco by its being crowded into the angle by the spurs D D on the opposite side of the ring. To make these jaws E E more effective they may be provided with notches C C C. These holders are thus fastened at suitable intervals on the two opposite vertical sides of the horizontal poles.

The operation of this device is described as follows: The butt end of the stalk of green tobacco is passed up through the oval ring from the back or concave side, and slightly crowded against the spurs D D, and then allowed to fall by its own weight, which cramps the stalk between the spurs D D and the opposite sides or jaws E E of the ring. The ring, from about the points E E to the suspending point e, acts as one arm of a lever, and from the points E E to the spurs D D as the other arm of a lever, which causes the spurs D D to more or less puncture the stalk, as shown in Fig. 1, and clamp it in the angle between the sides or jaws E E and the spurs D D in such a manner that the heavier the stalk of tobacco the firmer it is bound and held by the holder. To remove the stalk from the holder when the tobacco is sufficiently dried it is only necessary to lift the stalk and crowd it to the side of the ring opposite to the spurs D D, when it will readily pass out of the holder by lowering the stalk down.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the ring A A with the spurs D D, jaws E E, and eye e, (represented by Figures 1 and 2,) substantially in the manner and for the purpose set forth.

FRANK G. JOHNSON.

Witnesses:

CHAS. W. PEED,
J. HUDSON MORSE.