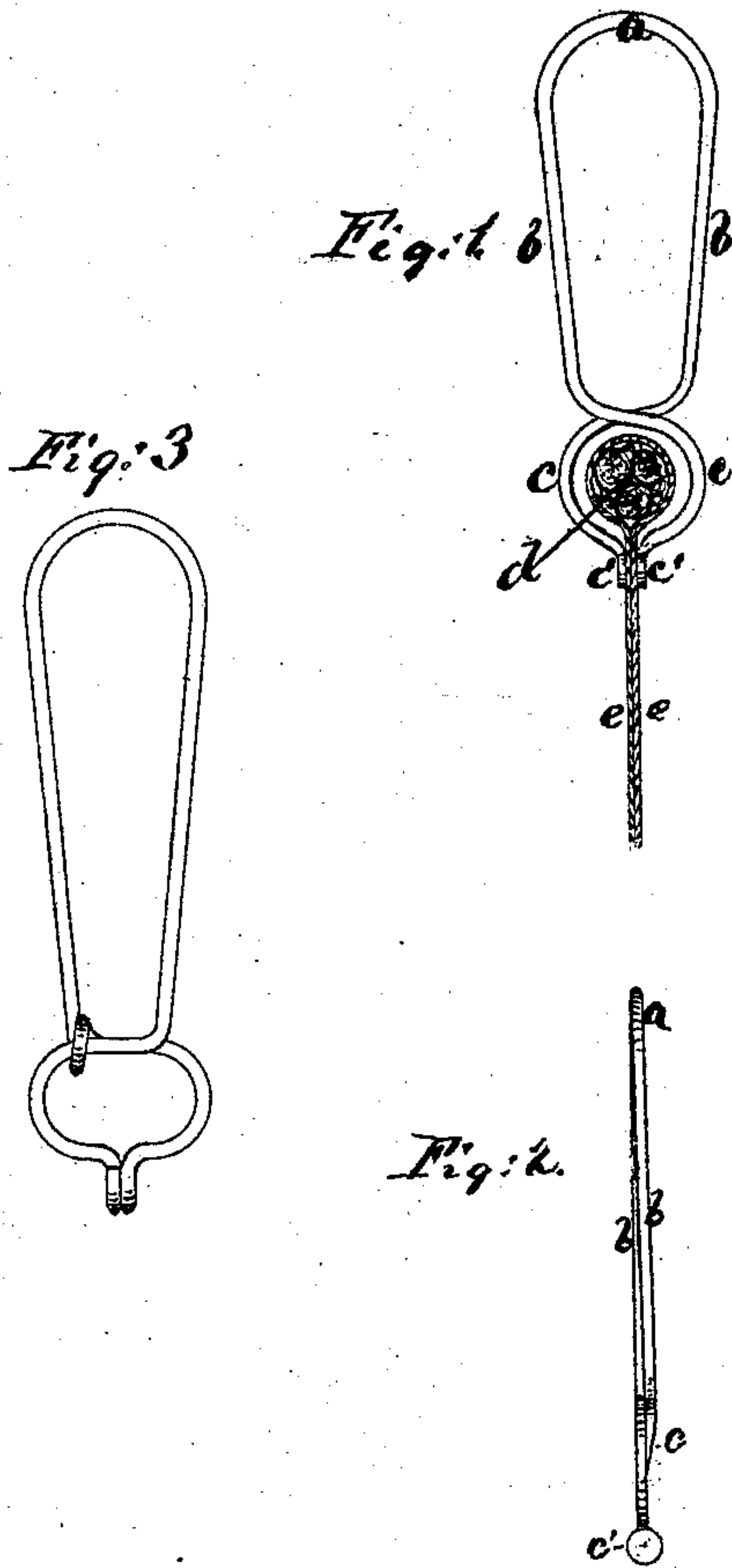


*J. E. Lines,*

*Clothes Pin.*

*No. 93456,*

*Patented Aug. 10. 1869.*



*Witnesses.*  
*G. A. Smith.*  
*E. R. Brown.*

*James E. Lines*

*Inventor.*

*By J. C. Theaker*

*his attorney.*

# United States Patent Office.

JAMES E. LINES, OF BRYAN, OHIO, ASSIGNOR TO HIMSELF AND  
JOHN W. SMITH, OF SAME PLACE.

*Letters Patent No. 93,456, dated August 10, 1869.*

## IMPROVED CLOTHES-PIN.

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

*To all whom it may concern:*

Be it known that I, JAMES E. LINES, of Bryan, in the county of Williams, and State of Ohio, have invented a new and useful Improvement in Clothes-Pin; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation, and

Figure 2, an edge elevation.

The nature of my invention consists in bending a single piece of wire in such a manner as to form a clothes-pin that will clasp the clothes securely, without holding them too closely in contact with the line, and allow a free circulation of air to all parts of the clothes, thus insuring the perfect drying of the clothes, and preventing them from being frozen to the line in cold weather, and also to render the pin less liable to be thrown off the line by the excessive motion of the clothes in windy weather.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I cut a piece of wire of the required length, and flatten each end. It is then bent at its centre, the upper portion *a* being semi-circular, and its sides *b b* parallel. The ends are then bent outward, so as to cross each other, then bent toward each other, thus forming a circle; and the lower flat ends are bent outward, the two flat surfaces *c c* being parallel, and resting against each other.

In fig. 1 of the drawings, a section of a clothes-line, *d*, is shown, also cloth, *e*, hung on the line.

In the form shown in Figure 3, one of the arms is

turned or twisted once or more around the other arm, at the point where the two arms cross each other, so as to prevent lateral displacement of the arms and of the flattened ends thereof.

Its operation is as follows:

The clothes to be secured are placed on the line; and by compressing the two sides *b b*, the circular portion *c* and the flat ends *c c* are thereby opened, thus allowing the lower part of the clothes-pin to pass over the line; and then, by releasing the said sides *b b* from pressure, the two flat ends *c c* at once spring toward each other, thus clasping the clothes firmly below the line; the circular portion *c* being larger than the line, does not hold the clothes tightly thereto, thereby rendering them less liable to freeze to the line during cold weather, consequently less liable to be torn when being removed therefrom; also tending to prevent the pin from falling off, as the only point of pressure is below the line, and it cannot be removed without first opening the flat ends *c c* wide enough to allow them to pass the line.

Having thus fully described my invention,

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

A clothes-pin, formed of a single piece of wire, with one arm turned or twisted once or more around the other arm, and the ends flattened and resting against each other, substantially as shown and described, for the purpose specified.

JAMES E. LINES.

Witnesses:

J. W. SMITH,  
JOHN WILL.