

E. F. KRELWITZ.
Clothes-Pins.

No. 164,461.

Patented June 15, 1875.

Fig. 1

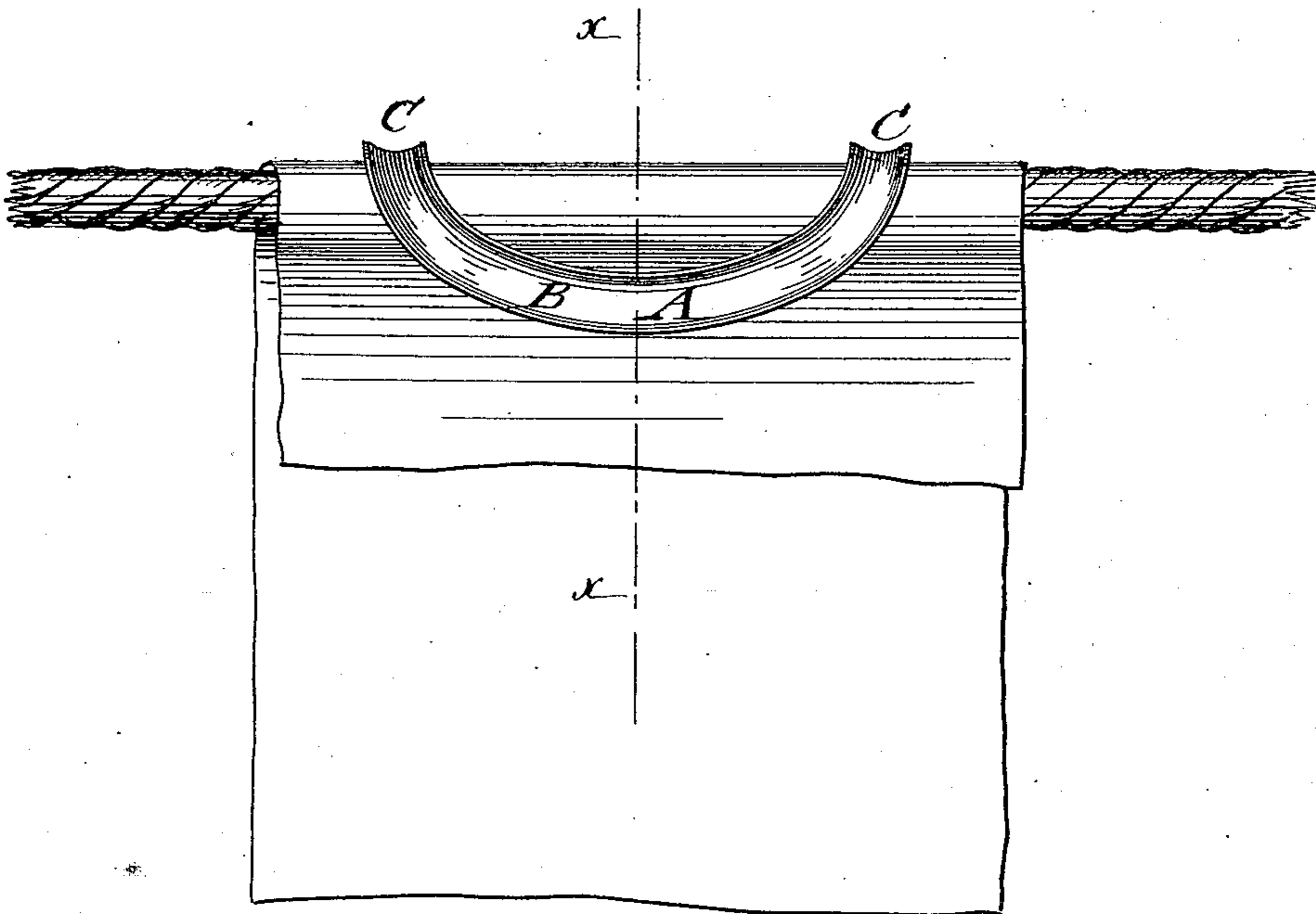
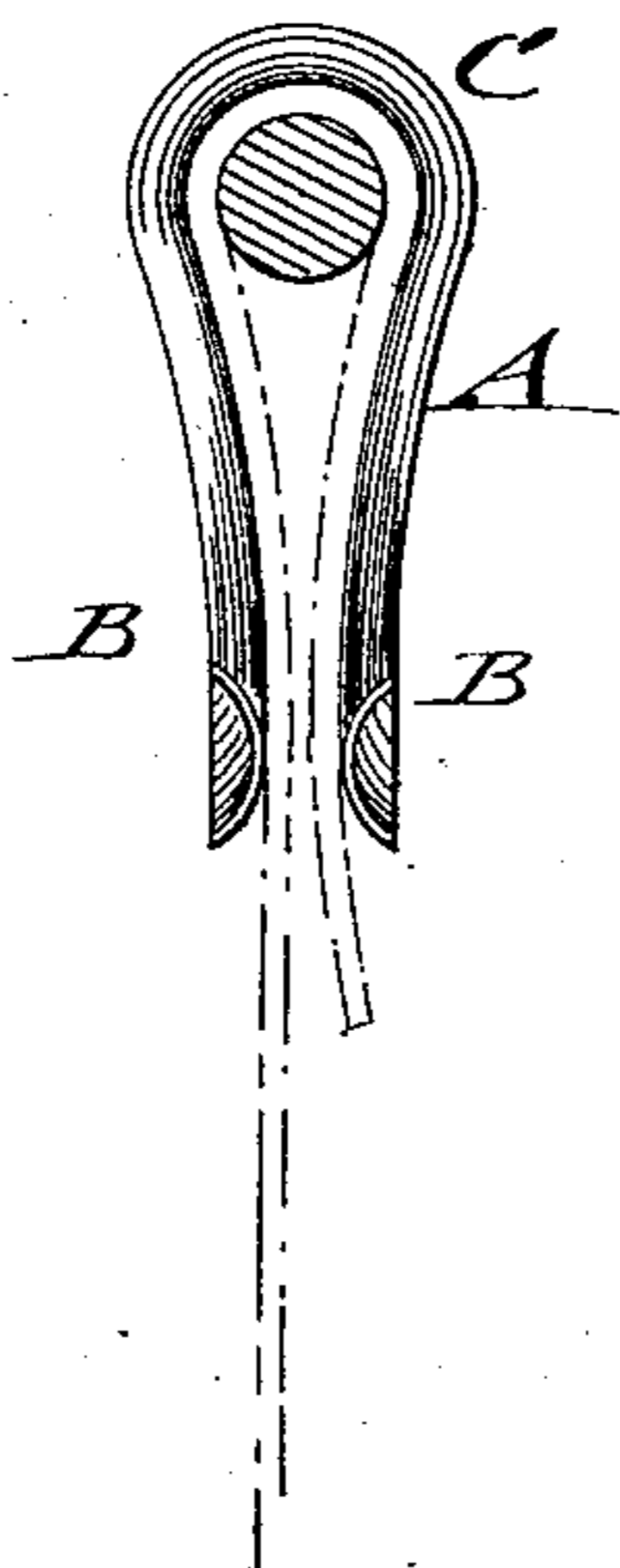


Fig. 2



WITNESSES:

C. Nevaux
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UNITED STATES PATENT OFFICE.

EDMUND F. KRELWITZ, OF HUMBOLDT, MICHIGAN, ASSIGNOR TO HIMSELF
AND JOSEPH MITCHELL, OF SAME PLACE.

IMPROVEMENT IN CLOTHES-PINS.

Specification forming part of Letters Patent No. **164,461**, dated June 15, 1875; application filed
May 1, 1875.

To all whom it may concern:

Be it known that I, EDMUND F. KRELWITZ, of Humboldt, in the county of Marquette and State of Michigan, have invented a new and Improved Clothes-Pin, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side view of my improved clothes-pin, shown as applied; and Fig. 2, a vertical transverse section of the same on the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved clothes-pin or holder, by which clothes may be readily applied to the wash-line, without requiring the taking off of the pins after use, by leaving them on the line. The pin is strong, durable, and cheap, and more handy, as it may be rolled up with the wash-line without being taken off for separate storing. The invention consists of a clothes-pin made of one piece or strip of sheet metal, which is bent and corrugated to form spring clamps or jaws for retaining the clothes on the line.

In the drawing, A represents my improved clothes-pin, which is produced of a round, oval, or other strip of sheet metal, of suitable width, that is bent in the shape of a U, with converging legs to form symmetrical spring-clamping sections or jaws B, which hold the clothes and prevent their slipping off the line, while the upper or yoke parts C fit around the same. The sides of the clothes-pin are

corrugated, to impart greater stiffness and rigidity to the same. The pins are carefully tinned, so as not to be liable to rusting. They may remain on the line, and be taken off with the same, so as to be always ready for use on stretching the same.

The pins slide readily along the line and over the clothes, admitting thereby the quick hanging and taking off of the clothes.

These pins are not liable to split or get lost, and can be manufactured by means of suitable machinery at a less price than the wooden pins, lasting, when retinned occasionally, for any length of time.

I am aware that a clothes-pin has been made with a tapering concavity, so as to slide up longitudinally over the rope and garment; that it is not new to use a wire bent so as to inclose the line by a double spring; also, that it is not new to make a metallic clothes-pin by bending a strip to form a finger-bow, and then to form clasping-legs with outward lips.

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

A clothes-pin made of one continuous strip of sheet metal, being bent and corrugated to fit the line at the yoke parts, and form side-spring clamps or jaws below the same, substantially as and for the purpose set forth.

EDMUND F. KRELWITZ.

Witnesses:

E. G. ST. CLAIR,
J. N. ST. CLAIR.