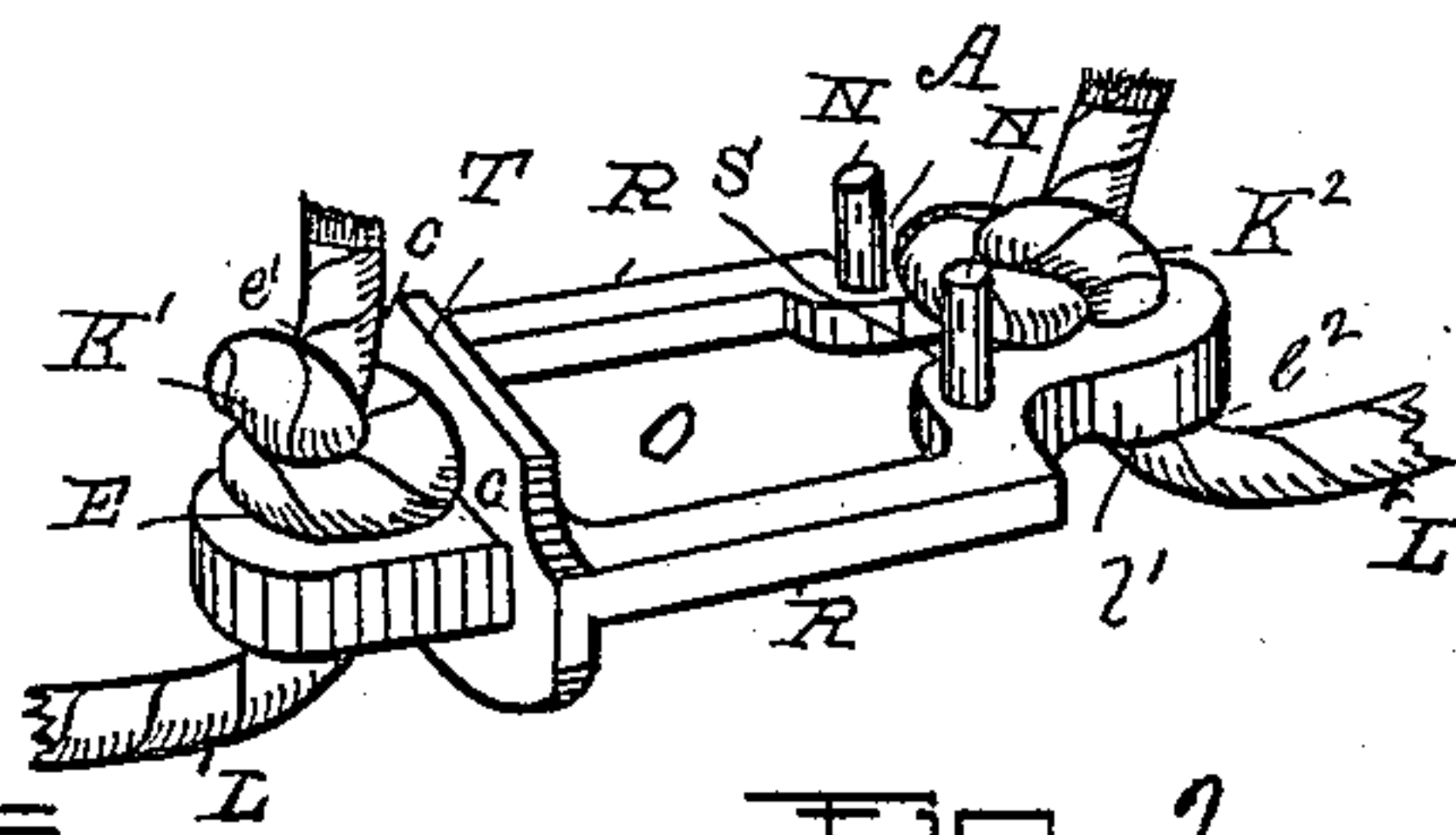
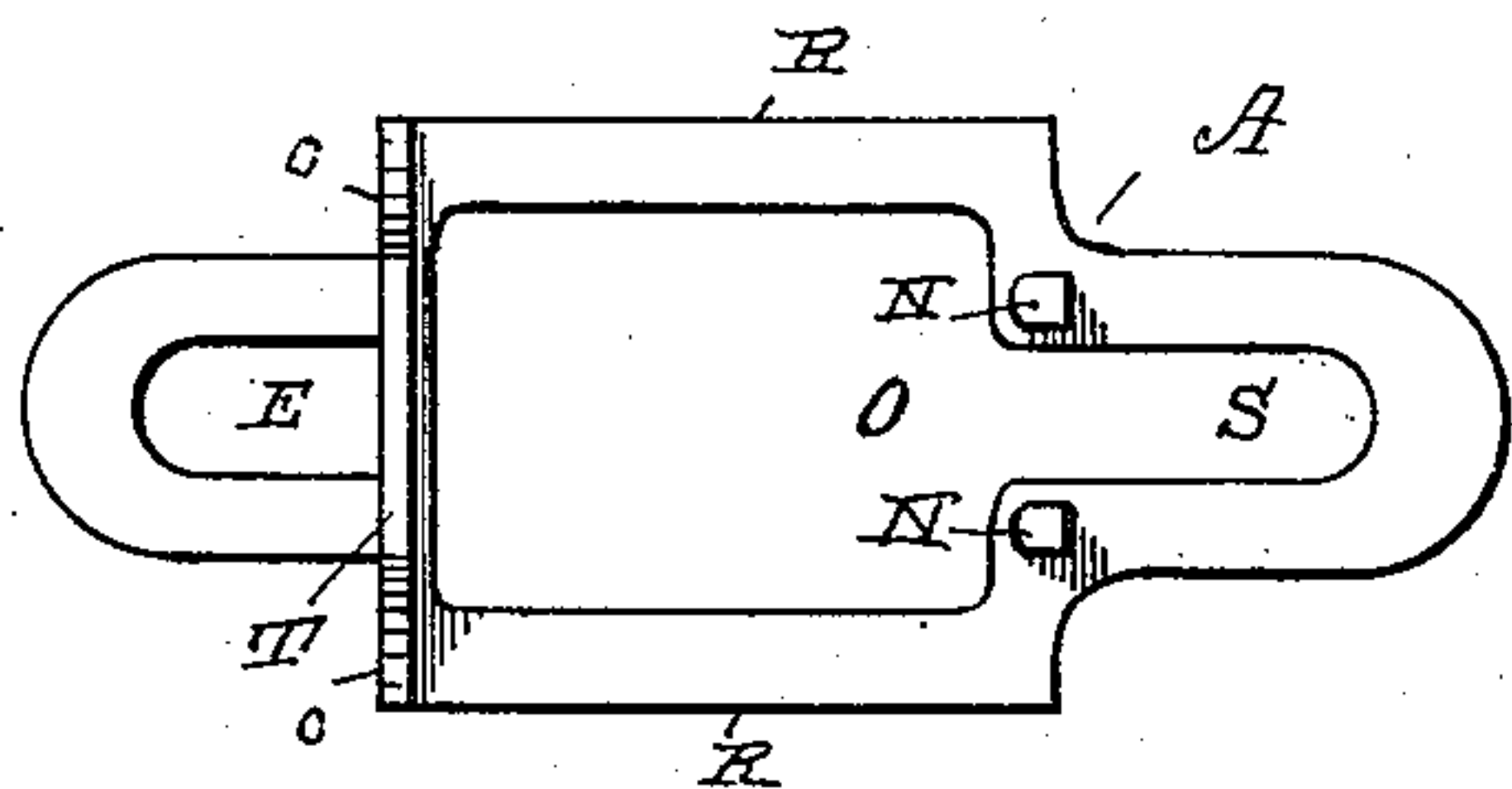
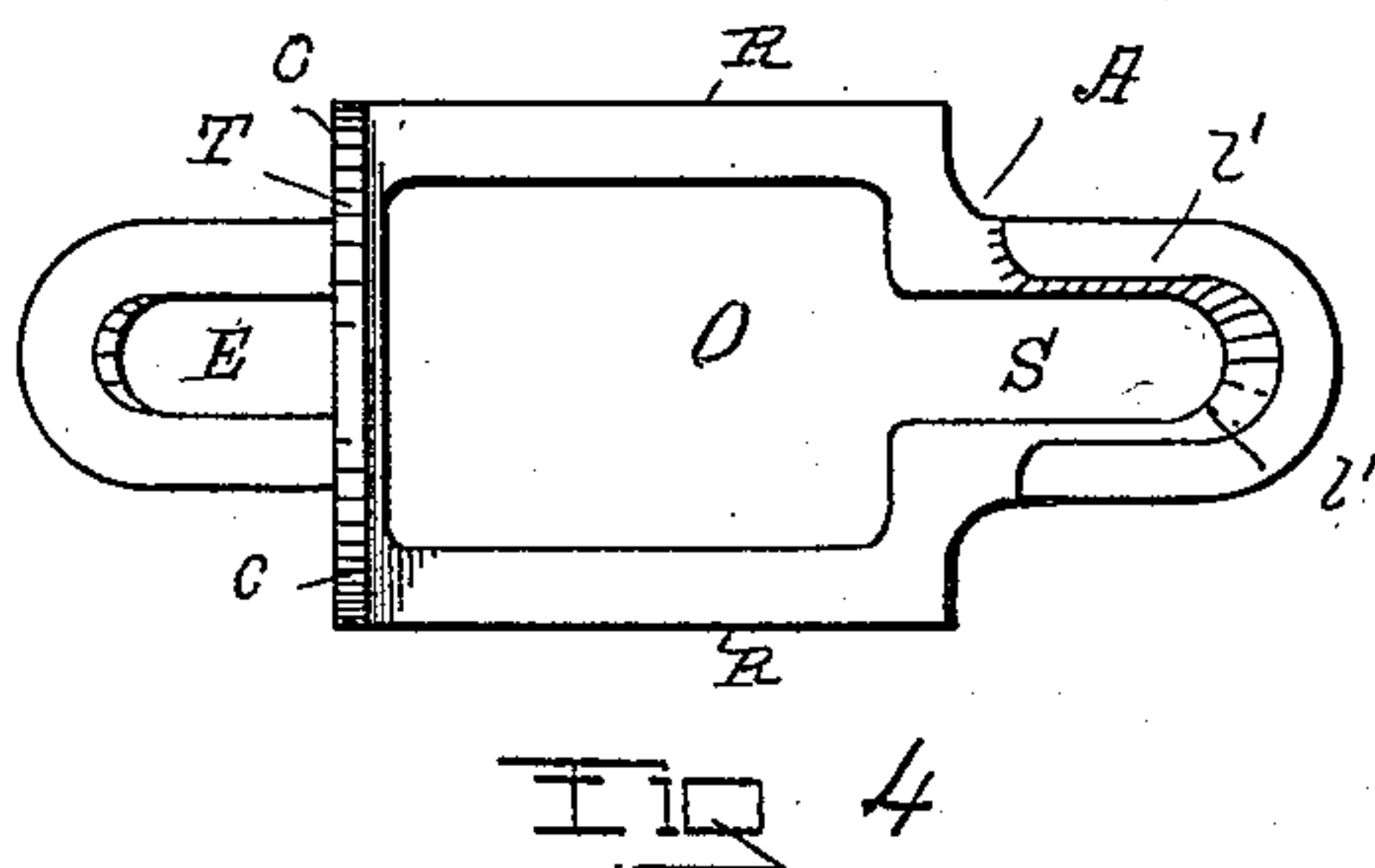
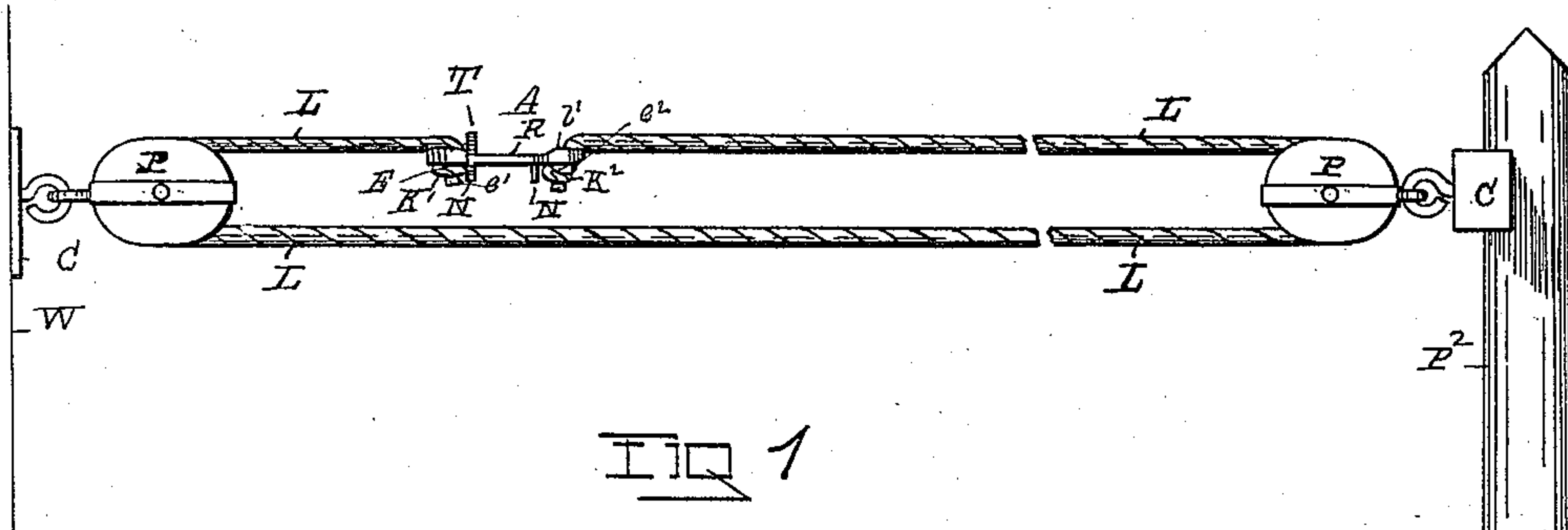


(No Model.)

J. H. BREWER.
CLOTHES LINE CONNECTING PLATE.

No. 443,987.

Patented Jan. 6, 1891.



WITNESSES
Charles S. Brintnall
William A. Sweet

INVENTOR
James H. Brewer
by W. C. Hagan Atty

UNITED STATES PATENT OFFICE.

JAMES H. BREWER, OF TROY, NEW YORK, ASSIGNOR OF ONE-HALF TO
GEORGE H. ENSIGN, OF SAME PLACE.

CLOTHES-LINE CONNECTING-PLATE.

SPECIFICATION forming part of Letters Patent No. 443,987, dated January 6, 1891.

Application filed May 23, 1890. Serial No. 352,950. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. BREWER, of the city of Troy, county of Rensselaer, and State of New York, have invented a new and useful
5 Clothes-Line Connecting-Plate, of which the following is a specification.

My invention relates to improvements upon that class of appliances which are used to connect the two ends of a clothes-line, which
10 latter is run over pulleys; and the object and purpose of my invention are to better adapt such devices to the use for which they are designed.

Accompanying this specification, to form a
15 part of it, there is a sheet of drawings containing four figures illustrating my invention, with the same designation of parts by letter-reference used in all of them.

Of these illustrations, Figure 1 shows my
20 improved connecting-plate as applied to a clothes-line running on pulleys. Fig. 2 shows in perspective and in larger proportion the clothes-line plate with the ends of the line connected thereto, with the under side of the
25 plate as uppermost. Fig. 3 is a view of the plate with what is the under side when in use shown as uppermost. Fig. 4 is a top view of the plate.

The several parts of the apparatus thus
30 illustrated are designated by letter reference, and the function of the parts is described as follows:

L designates the clothes-line; P, the pulleys on which it runs; C, the connections of the
35 pulleys with a post P² and a window-frame W.

A designates my improved clothes-line connecting-plate, made with the rectangular central part R, having the opening O.

S designates the grip-slot, formed to open
40 out into the opening O, and with the plate at the sides of the slot made thicker than at the center of the plate by means of the inwardly-beveled lip l'.
45

T designates a thumb-plate arranged to project at right angles from the face of the plate at that end of the opening O which is opposite to that at which the grip-slot connects. This thumb-plate is cut away at the corners, as indicated at c.

N designates pins that are downwardly projected from the under side of the plate, one
50 of them being arranged at each side of the slot S and near where the latter opens out into the opening O.

E designates the eye end of the plate. 55

The parts thus illustrated are used as follows: One end of the rope having been rove through one of the pulleys is entered through the eye E and a knot K' made on the entered end. The plate is then grasped by the hand,
60 with the thumb against the thumb-plate T, and firmly held while the end and the knot K' are drawn tight by the engagement of the end e' of the line with the eye E. The other end e² of the line is rove through the other
65 pulley, and a knot K² is made in the end e² of the line, and the latter is passed in through the opening O and thence into the grip-slot S, with the knot in advance of the pins N, and drawn tightly in the slot. As thus made
70 and arranged, an improved clothes-line connecting-plate is produced, which is very convenient to use and within which the line is connected so as to not detach automatically the pins N, in connection with the slot S,
75 made with the beveled lip l', co-operating to keep the knot in place until it is desired to disconnect the line.

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

The clothes-line connecting-plate A, made with the eye E at one end, thumb-plate T, and central opening O, the slot S, made with the beveled lip l' and connecting with said
85 central opening O, and the pins N, arranged at each side of the said slot between the said lip and the opening O, substantially in the manner as and for the purposes set forth.

Signed at Troy, New York, this 11th day
90 of December, 1889, and in the presence of the two witnesses whose names are hereto written.

JAMES H. BREWER.

Witnesses:

CHARLES S. BRINTNALL,
W. E. HAGAN.