

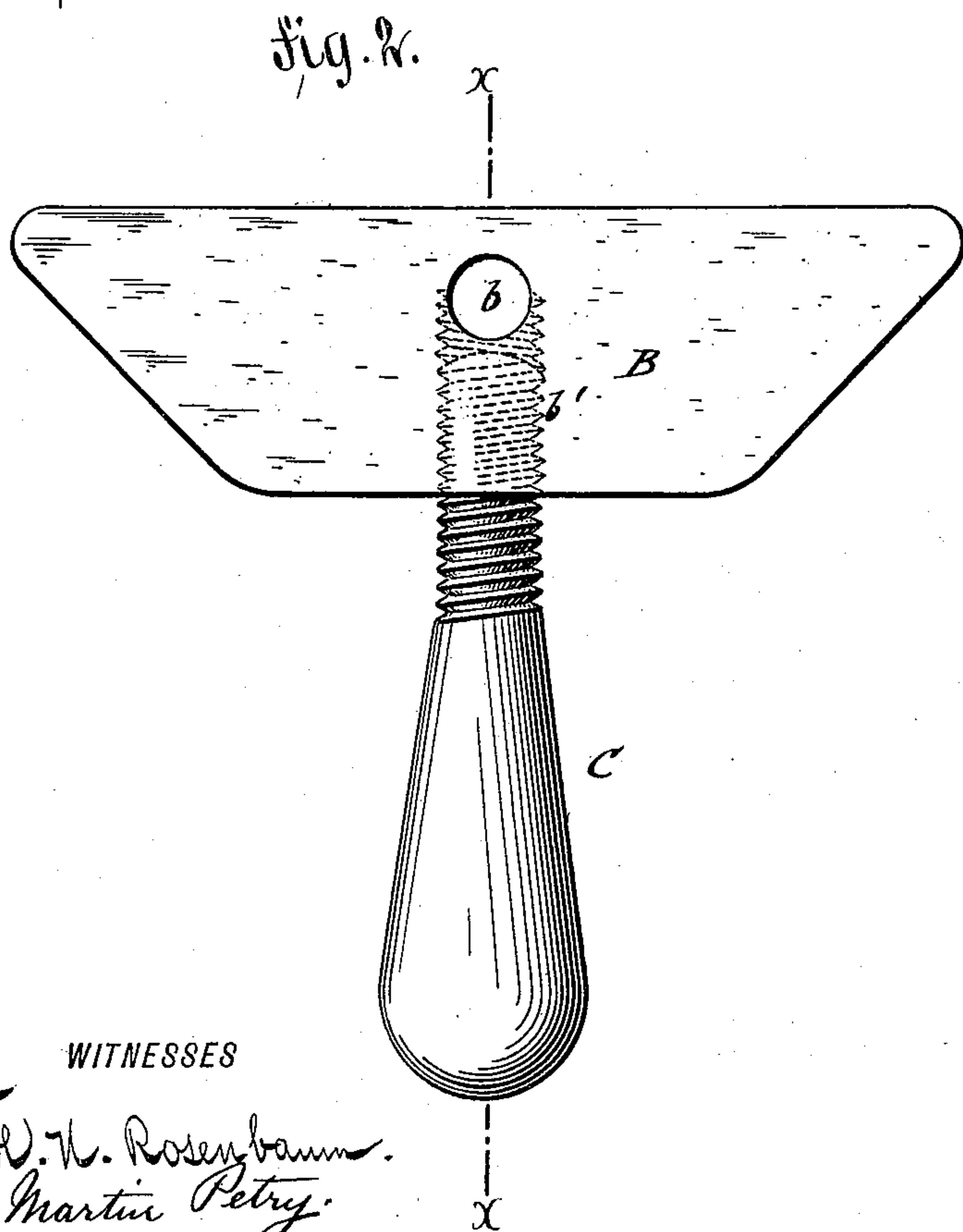
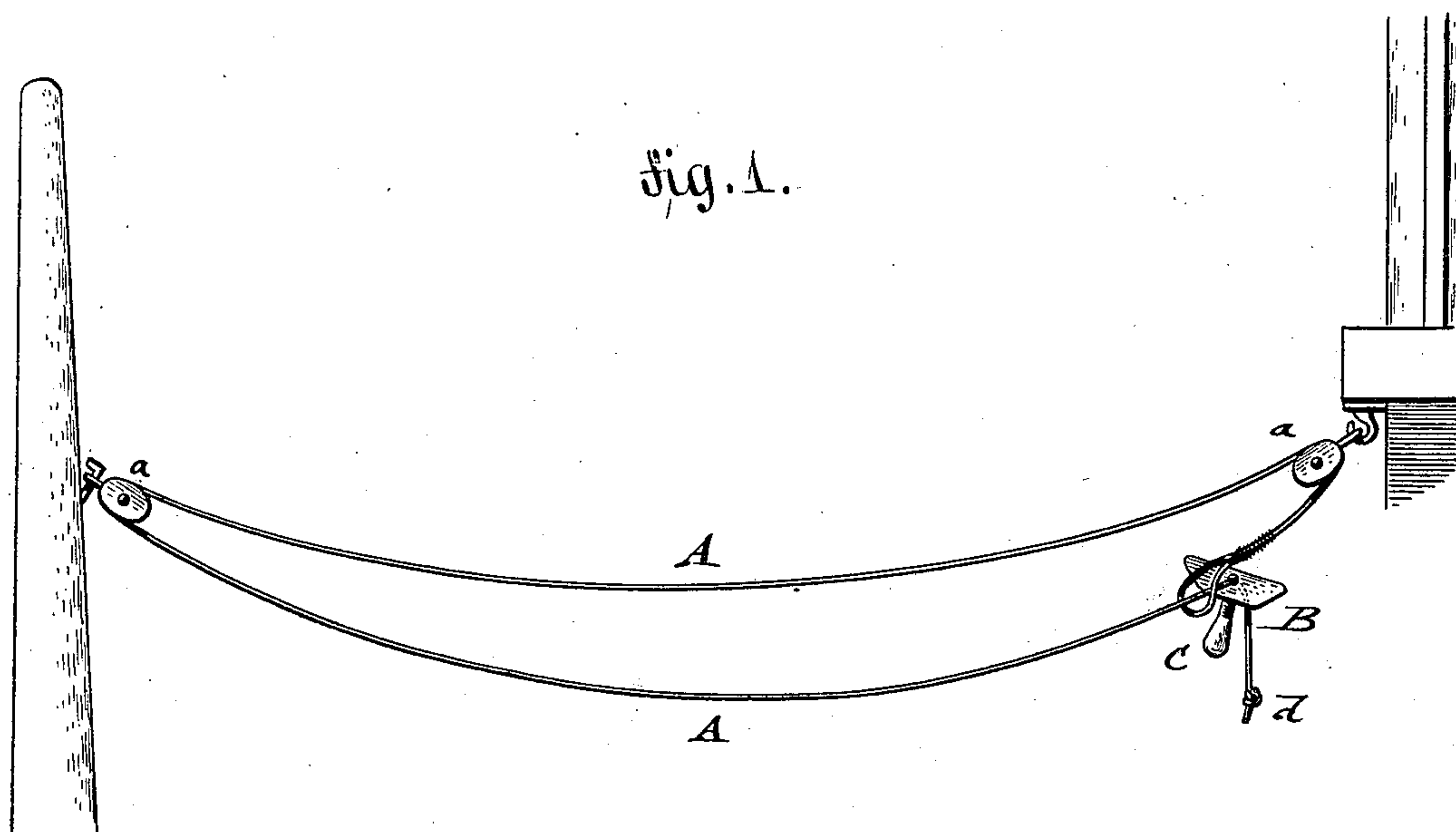
(No Model.)

F. SCHWEIZER.

STRETCHING DEVICE FOR CLOTHES LINES.

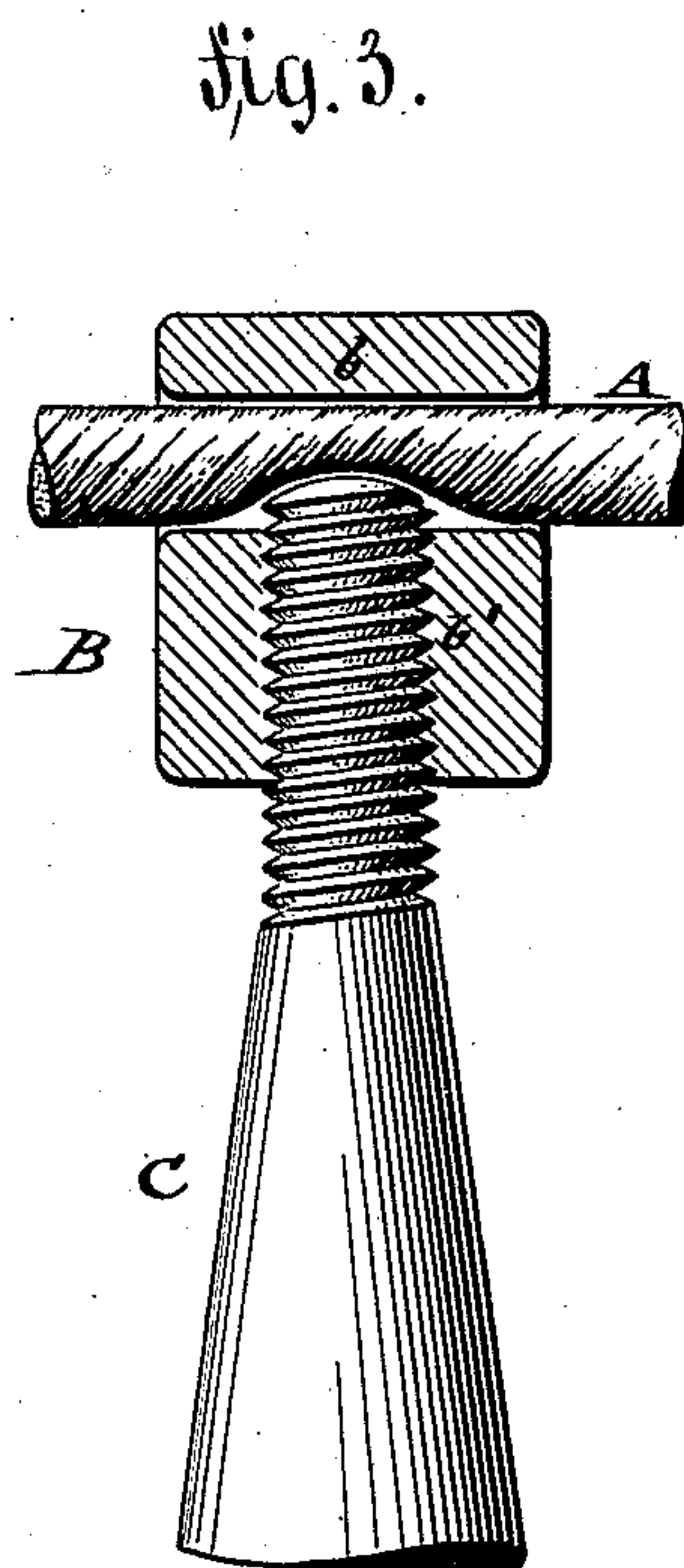
No. 337,020.

Patented Mar. 2, 1886.



WITNESSES

Jos. H. Rosenbaum.
Martin Petry.



INVENTOR

Ferdinand Schweizer

By his Attorneys

Goepfert & Raegenner

UNITED STATES PATENT OFFICE.

FERDINAND SCHWEIZER, OF PATERSON, NEW JERSEY.

STRETCHING DEVICE FOR CLOTHES-LINES.

SPECIFICATION forming part of Letters Patent No. 337,020, dated March 2, 1886.

Application filed April 25, 1885. Serial No. 163,396. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND SCHWEIZER, of Paterson, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Stretching Devices for Clothes-Lines, of which the following is a specification.

This invention has reference to a simple, cheap, and effective stretching device for clothes-lines; and it consists of a stretching device having a T-shaped head and a perforation for the passage of one end of the clothes-line, which end is clamped by a hand-screw to the T-shaped head and passed through the looped opposite end of the clothes-line, so that the clothes-line can be readily stretched or loosened by simply clamping or releasing the stretching device.

In the accompanying drawings, Figure 1 represents a side elevation of a clothes-line with my improved stretching device. Figs. 2 and 3 are a side elevation and a vertical transverse section on line *x x*, Fig. 2, of the stretching device drawn on a larger scale.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents a clothes-line, which is mounted in the usual manner on pulleys *a a*, that are attached to suitable points of support. The clothes-line is attached at one end to a stretching device, which is formed of a head, B, and a hand-screw, C. The head B is provided with a hole, *b*, for the passage of the clothes-line, and a threaded hole, *b'*, at right angles thereto for the screw. The end of the clothes-line to which the head B is applied is passed through

the looped opposite end of the clothes-line A, and then rigidly clamped by the screw C, as shown in Fig. 3, so as to be held securely in position. By loosening the screw C the clothes-line is released, so that it can readily be stretched taut or loosened, as required. The end of that part which has been passed through the stretching device B is provided with a knot, *d*, so that the line cannot get detached from the stretching device. When it is desired to stretch the line taut for hanging up the clothes, the screw is released from the line and the latter drawn through the head B until the line is stretched tightly on the pulleys. The screw C is then clamped tightly to the line again.

For releasing the line after use, the clamp is loosened and the end of the line allowed to pass through the T-shaped head up to the knot *d*, whereby it hangs loosely on the pulleys without being liable to be strained and broken by the contraction due to moisture.

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

The combination, with a clothes-line having a loop at one end and a knot at the opposite end, of a stretching device consisting of a perforated head, through which the knotted end is passed, and a hand-screw for clamping or releasing said line, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

FERDINAND SCHWEIZER.

Witnesses:

JAKOB SUTER,

THEODOR STOHLER.