

D. S. COONRAD.
LINE FASTENER.

No. 186,667.

Patented Jan. 30, 1877.

Fig. 1.

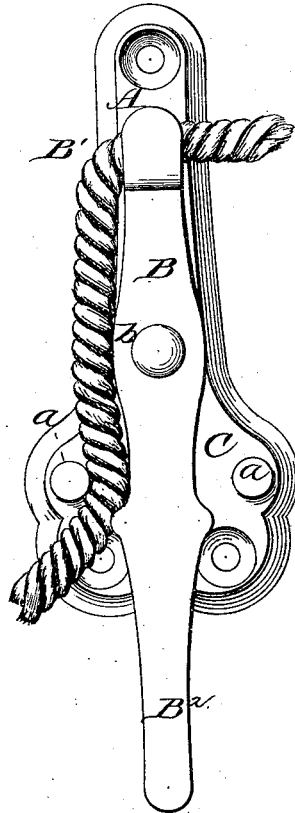
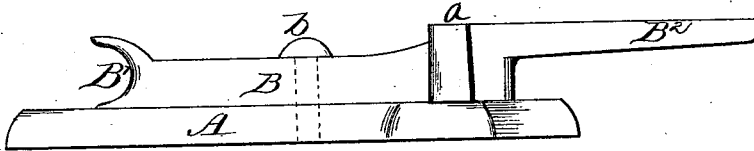


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

DANIEL S. COONRAD, OF ROCKFORD, ILLINOIS, ASSIGNOR TO HIMSELF
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IMPROVEMENT IN LINE-FASTENERS.

Specification forming part of Letters Patent No. 186,667, dated January 30, 1877; application filed
August 28, 1876.

To all whom it may concern:

Be it known that I, DANIEL S. COONRAD, of Rockford, in the county of Winnebago and State of Illinois, have invented a new and useful Improvement in Clothes-Line Fasteners; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 represents a plan view of the fastener with the secured lines in position, and Fig. 2 is a side view with the line removed.

Similar letters of reference denote corresponding parts in both figures.

The object of the invention is to provide a simple and effective device whereby the ordinary clothes-line may be quickly placed in the required position necessary for drying the recently-renovated garments or other household goods, with the fastening so constructed that after use the said line may be as quickly detached from the said fastening, and removed and placed under cover; and consists of a metallic plate with flat surfaces, and provided with holes, by which it is secured to a post or other permanent support, and having pivoted centrally upon the outer flat surface a forked hand-lever, having recesses or indentations upon each side, which, as the lever is swung from side to side, come in contact with studs or pins, standing at right angles with the face of the metallic plate, and between which (the recessed lever and pin) the line after being drawn through the fork is secured, all of which will be hereinafter described.

In the drawings, A represents the supporting-plate, and *a* the studs or pins, against which the line is pressed when in the secured position. B is the hand locking-lever, secured to the bearing-plate by the pivot *b*. B¹ is the fork, wherein the line rests; and B², the handle upon the said lever, and by means of which the lever is operated, for the purpose of attaching or detaching the line, as will be hereinafter explained.

C are recesses or indentations made in the sides of the lever at the point coming in contact with the studs, for the purpose of more securely holding the line than would be done were a smaller surface brought to bear against the line lying between the said recess and the aforesaid studs. This locking-lever is

preferably made of the shape shown; but other forms may be used.

It will be observed that the fork B¹ is formed wholly within the lever, with one of its legs resting upon the bearing-plate. This is to prevent the line while being strained from being caught between the lever and plate, which it would be liable to do were it only made with the one outside prong.

The handle B² is also an important part of the construction, as by this means the lever is easily held in position or swung from one side to the other side, for the purpose of securing the line or for removing the same.

The operation is as follows: The line having been made fast at one of its ends by use of the fastener or otherwise, the free end is carried to a post or other permanent support to which the fastener has been secured, when the line is passed over the forked end of the lever, and down the side of the same, and between the said lever and the stud which is upon the bearing-plate.

After the line has been drawn taut, the lever is swung against the line, clamping the same against the stud, and thus the stronger the pull of the line over the end of the lever the more securely will it be held against the stud.

Should it be desired to extend the line to still another support, it can be done without disturbing the fastenings first made.

It will also be seen that the fastenings are both right and left handed, no difference being made in the starting-point, it only being required that the line shall be brought down between the lever and stud upon the side opposite from the said starting-point.

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

The herein-described clothes-line fastening consisting of the bearing-plate A, having the studs *a*, in combination with the forked lever B and the handle B², arranged and operating substantially as described, and for the purpose set forth.

This specification signed and witnessed this 29th day of July, 1876.

DANIEL S. COONRAD.

Witnesses:

G. W. FORD,
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