

E. H. LANCASTER.

LINE FASTENER.

No. 185,336.

Patented Dec. 12, 1876.

Fig. 1.

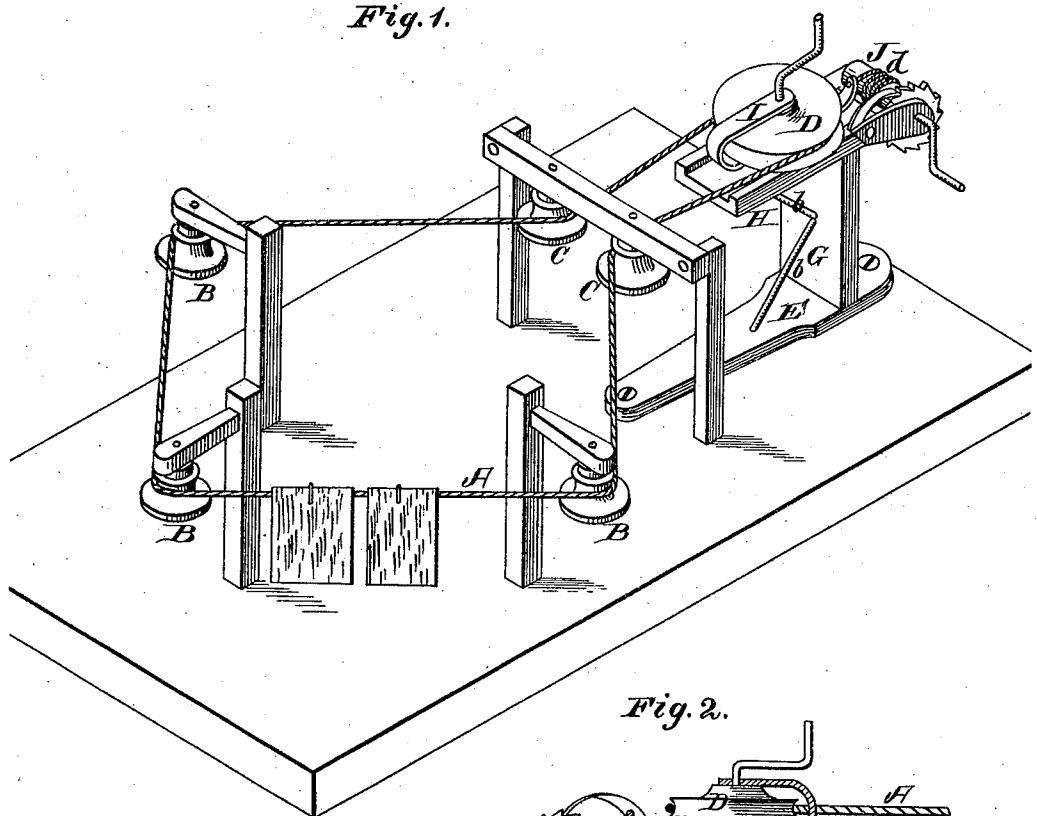
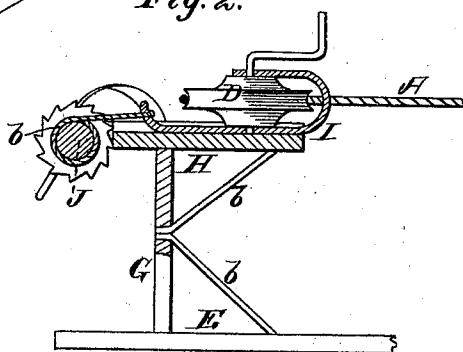


Fig. 2.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN LINE-FASTENERS.

Specification forming part of Letters Patent No. 185,336, dated December 12, 1876; application filed August 2, 1876.

*To all whom it may concern:*

Be it known that I, ELIAS H. LANCASTER, of Montpelier, in the county of Blackford, and in the State of Indiana, have invented certain new and useful Improvements in Clothes-Lines; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of devices for operating an endless clothes-line, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a detached view of a part thereof.

A represents an endless clothes-line, of wire, rope, or other suitable material. This clothes-line is supported upon flanged pulleys B B, in a horizontal plane, said pulleys being arranged somewhat in circular form, in the yard or outside of a house or building. In a door or window of such house or building are arranged two similar pulleys, C C, which should be placed only a short distance apart, and the clothes-line passes on their inner sides and around a windlass, D, within the house.

The object of this invention is to enable a person to hang out clothes without going out of doors. One or more garments are placed on that part of the line that is within the house, and by turning the windlass D the line is rotated so as to bring said garments outside of the house, when other garments are put on the line, and so on until all the clothes are hang out. In the same manner the clothes are successively brought into the house and taken off the line.

The main part of the line, with the pulleys D, may be arranged in a lumber-room or other

room adjacent to the room in which the washing is being done.

The windlass D is mounted on a stand constructed as follows: E is the base, fastened to the floor by a screw at each end, one of which screws may be taken out and the base turned on the other as a pivot, so as to place the stand in any other position desired. From the base E rises a standard, G, and on the upper end thereof is a horizontal guide or way, H, containing a slide, I, on which the windlass D is mounted, the wheel or drum thereof being horizontal. The parts E G H are braced by means of braces b b, as shown. The slide I is, by a chain, d, connected to another windlass, J, operated by a crank, and provided with pawl and ratchet, whereby the slide I with its windlass may be moved so as to properly tighten the clothes-line A. The pulleys B, that support the line A, are to be supported under horizontal arms projecting from upright posts, walls of a house, fence, or any convenient place, only so as to keep the clothes out of contact with the walls, out-buildings, or fence.

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

1. The combination of the stand E G H, slide I, carrying the windlass D, chain or cord d, and windlass J, substantially as and for the purposes herein set forth.

2. The combination of the standard having slide I, carrying the windlass D, chain or cord d, windlass J, and endless clothes-line A, resting upon the pulleys B B, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of July, 1876.

ELIAS H. LANCASTER.

Witnesses:

R. C. SWANN,  
H. H. BENNETT.