(No Model.)

A. E. NORMAN.

CLOTHES LINE HOLDER.

No. 379,717. Patented Mar. 20, 1888.

Fig. 1

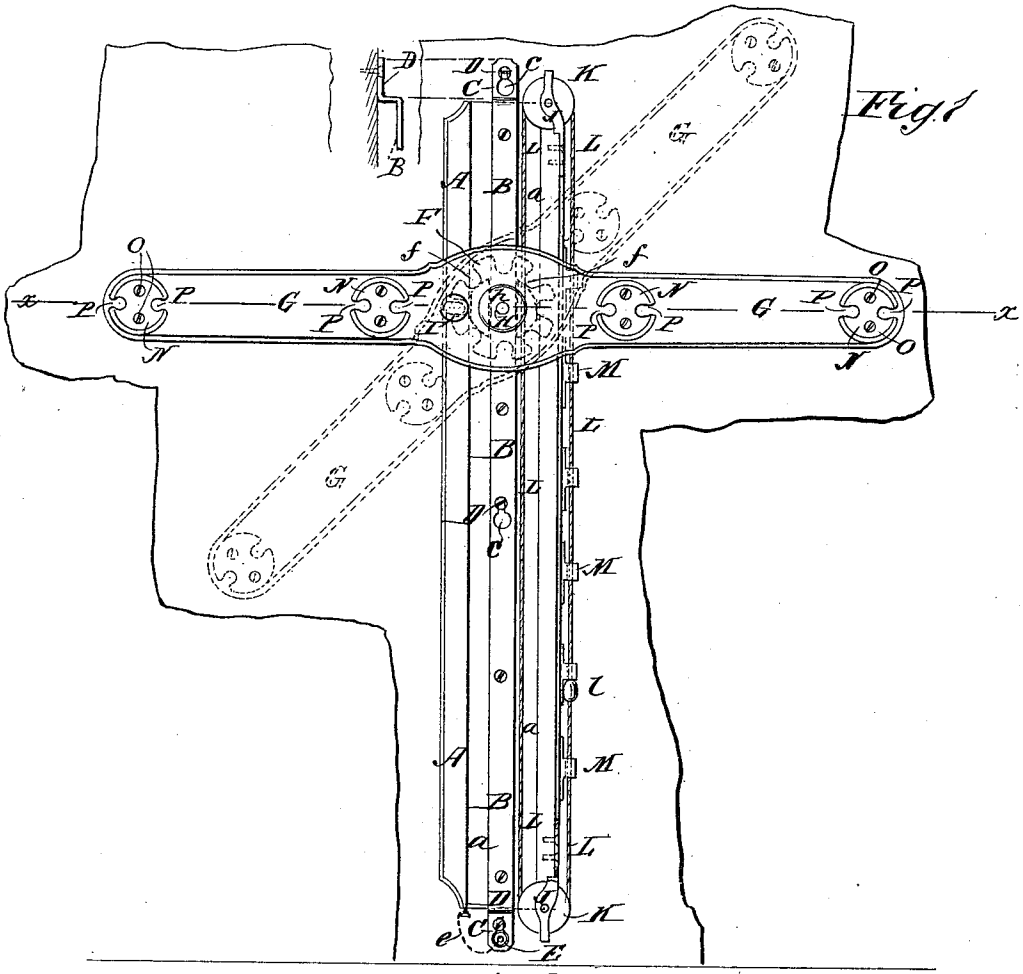
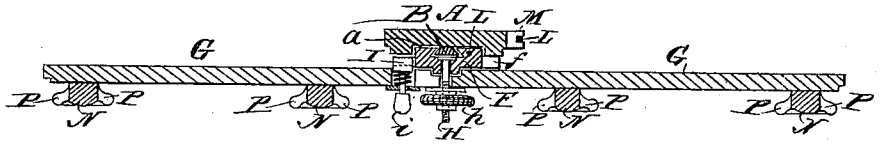


Fig. 2.



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UNITED STATES PATENT OFFICE.

ANDREW EDWARD NORMAN, OF ISHPEMING, MICHIGAN.

CLOTHES-LINE HOLDER.

SPECIFICATION forming part of Letters Patent No. 379,717, dated March 20, 1888.

Application filed April 23, 1887. Serial No. 235,859. (No model.)

To all whom it may concern:

Be it known that I, ANDREW EDWARD NORMAN, of Ishpeming, in the county of Marquette and State of Michigan, have invented a new and Improved Clothes-Line Holder, of which the following is a full, clear, and exact description.

My invention relates to devices adapted for connection to opposite walls or fences or other supports for holding lines on which to hang clothes, whereby clothes-racks of any required capacity may be easily and quickly produced; and the invention has for its object to provide simple, inexpensive, and efficient devices of this character.

The invention consists in certain novel features of construction and combinations of parts of the clothes-line holder, all as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a front view of my improved clothes-line holder. Fig. 2 is a plan view in horizontal section on the line *x x*, Fig. 1.

A board or plate, A, is provided with a central face groove or recess, *a*, along the center of which a metal strip, B, of dovetail form, is fixed. The ends of the strip B project beyond the ends of the wall-plate A and are bent to form lugs C C, the back faces of which are about flush with the back face of the plate. These lugs are provided with slots *c*, enlarged at their lower ends to admit the heads of screws or pins D, fixed to a wall, fence, or other support, and whereby the wall-plate may be hung from the pins, which then rest in the upper narrow parts of the slots. A plug, E, held to the wall-plate A by a chain or cord, *e*, is passed into the enlarged part of one of the slots *c*, preferably the lower slot, after the plate is hung onto the pins to, prevent lifting of the plate and disengagement of it from the pins. A slot, *c*, is also provided at the center of the plate A and strip B to receive a pin, D.

In the wall-plate recess *a* and upon the dovetail strip B is fitted a head-block, F, which is adapted to slide in the recess *a*, and to the head-block a cross-bar, G, is held by a screw, pin, or bolt end, H, which receives a tightening-nut, *h*, at the outer face of the cross-bar. The outer portion of the head-block F overlaps the face of the wall-plate A, and is provided with a series of marginal notches, *f*, into any one of which a spring-pressed pin, I, fitted in the cross-bar, is adapted to enter, said pin having a suitable head, *i*, allowing it to be grasped and withdrawn from the notch when the cross-bar is to be swung around on the bolt H and locked in another position by the entrance of the pin I into another one of the head-block notches.

To opposite ends of the wall-plate A are fixed suitable brackets, J J, to which are journaled pulleys K K, over which a cord, L, passes, and the opposite ends of the cord are fixed to the head-block F, and the cord is provided with a button, *l*, which may be set under lugs M, fixed to the edge of the wall-plate, and through slots of which lugs the cord L passes. It is obvious that by lowering or raising the outer part of the cord L the head-block F and cross-bar G will together be raised or lowered on the wall-plate, and the button *l*, when slipped beneath one of the lugs M, will hold the cross-bar at any desired height.

Line-holding blocks N are fixed to the cross-bar G by screws or bolts O, said blocks N having opposite notches P P, which are enlarged at their inner parts to receive and hold the clothes-line, which will be wound around the back and neck of the block and passed into the notches P thereof to securely lock and hold the line.

It will be understood that two of these clothes-line holders will be used and held, by pins D or otherwise, to opposite walls or supports, to allow one or more lines to be stretched between opposite blocks N of the holders to form a clothes-rack of any required capacity.

By loosening the nuts *h* and withdrawing the locking-pins I of the opposite holders, their cross-bars G, with the blocks N, may be swung or turned on the bolts H to any required angle with the wall-plate, as indicated in dotted lines in Fig. 1 of the drawings, and by operating the cord L the cross-bar and blocks may be raised to any required height after the clothes have been hung on the lines when they

are quite low to allow them to be conveniently reached.

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

1. In a clothes-line holder, the combination, with wall-plate A, recessed at *a* and provided with the longitudinal dovetail strip B, extending beyond the ends of the plate A, and there slotted, as at *c*, of the cross-head slotted to receive the strip B, and the swinging bar G, having line-holding devices, and means for raising and lowering the cross-head, substantially as set forth.

2. The combination, with the wall-plate A, guide-bar B, secured thereon and having its projecting ends slotted, and the pulleys K, journaled at the upper and lower ends of the plate, of the cross-head F, mounted to slide on said guide-bar, the bar G, having line-holding devices and pivotally connected to the cross-head, the rope L, secured at both ends to the cross-head and extending around the said pulleys, the button *l* on the rope, and the vertical series of lugs M on the outer side of the plate A and provided with notches, through which the rope passes, substantially as set forth.

3. The combination, in a clothes-line holder, of a wall-plate, A, recessed at *a*, a guide-strip, B, in the recess, a head-block, F, fitted to the strip and provided with marginal notches *f*, a cross-bar, G, held by a bolt, H, and nut *h* to the block F, and provided with line-holding devices, a locking-pin, I, fitted in the cross-bar, and a device supporting the head-block and cross-bar in the wall-plate, substantially as herein set forth.

4. In a clothes-line holder, the combination, with the cross-head F, having a circular series of notches, *f*, and the guide on which the said cross-head slides, of the line-holding cross-bar G, pivoted to the cross-head at right angles to its line of movement, concentric with said notches, and having a catch for engaging said notches and locking the bar at any desired angle, substantially as set forth.

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Witnesses:

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