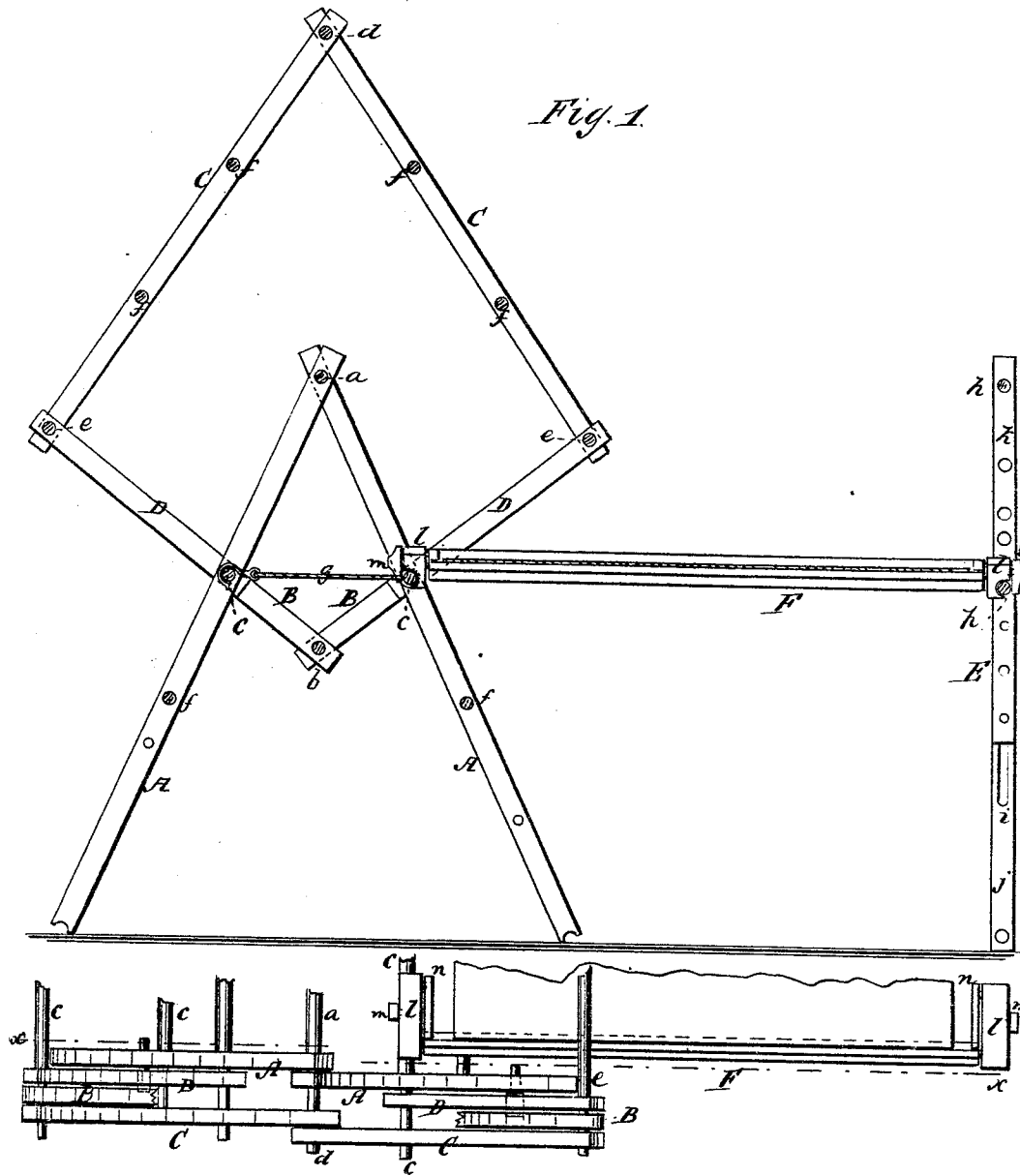


F. H. McMARTIN.
CLOTHES-DRIERS.

No. 183,189.

Patented Oct. 10, 1876.



WITNESSES:

E. Woff.
John Bethals

INVENTOR:

F. H. McMARTIN
BY *Wm. L.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

FINLEY H. McMARTIN, OF BIG GROVE, IOWA.

IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. 183,189, dated October 10, 1876; application filed September 9, 1876.

To all whom it may concern:

Be it known that I, FINLEY H. McMARTIN, of Big Grove, Pottawattamie county, and State of Iowa, have invented a new and Improved Combined Clothes-Rack and Quilting-Frame, of which the following is a specification:

In the accompanying drawing, Figure 1 is an end elevation, in section, on line X X, Fig. 2, and Fig. 2 is a partial plan.

Similar letters of reference indicate corresponding parts.

My invention consists in the combination of jointed end pieces and horizontal rods, forming a clothes-rack that may be spread for drying clothes, or folded closely together when not in use. It also consists in a quilting-frame, of peculiar construction, to be used in connection with the clothes-rack, which forms a support for one of its ends.

In the drawing, A A are end pieces, jointed at the top on the rod *a*. B B are bars, pivoted together at *b*, and provided with holes that engage with the projecting ends of the bars *c c*. C C are bars, pivoted together, at their lower ends, to the bars B B by rods *e e*. Bars D are pivoted to the rods *e* and *c*. Two sets of end pieces are connected by the rods *d*, *e*, *c*, and *f*. The lower end pieces or legs A are prevented from spreading too far by the string *g*, that is attached to the rod *c* on one side, and is provided with a hook which engages with the rod *c* on the other side.

The upper portion of the rack is capable of being raised up and folded together independently by removing the bars B from the ends of the rods *c*.

The clothes-rack is capable of being put into a variety of convenient positions, and may be closely folded together for packing, or for convenience when not in use.

The quilting-frame consists of a pair of adjustable standards, E, connected by rods *h h'*,

which are of the same length as the rods that connect the end pieces of the clothes-rack. The standards E are made adjustable by placing in the slot *i* in the part *j* a pin that projects from the part *k*, and by putting a pin through a hole in the part *j* into one of a series of holes in the part *k*.

The bars F, to which the edges of the quilt are attached, consist of four ribs arranged at right angles to each other, and provided with a journal at each end that has its bearing in the block *l*. The blocks *l* are coved or hollowed out, to fit the rod *h'* and the rod *c*, upon which they are clamped by the buttons *m*. Pawls *n* are attached to the blocks *l*, and engage with the ribs forming the bar F at the ends. A strip of webbing is fixed in one of the angles between the ribs forming the bar F, to which the edges of the quilt are attached.

Any degree of tension may be secured in the quilt by turning the bar, which is retained by the pawls *n*.

The quilting-frame may readily be adjusted to different heights and for different widths, and, when not in use, it can be taken apart and packed in small space.

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

1. The arrangement of the bars A, D, C, and B, the rods *c*, *e*, and *d*, rods *f*, and cord *g*, substantially as herein shown and described.

2. The combination of the bar F, blocks *l*, buttons *m*, pawls *n*, adjustable standards E, rod *h'*, and rod *c*, of the adjustable clothes-rack, substantially as herein shown and described.

FINLEY H. McMARTIN.

Witnesses:

J. S. HALL,
J. M. SMITH.