

J. C. MILLER.
Clothes-Frames.

No. 146,087.

Patented Dec. 30, 1873.

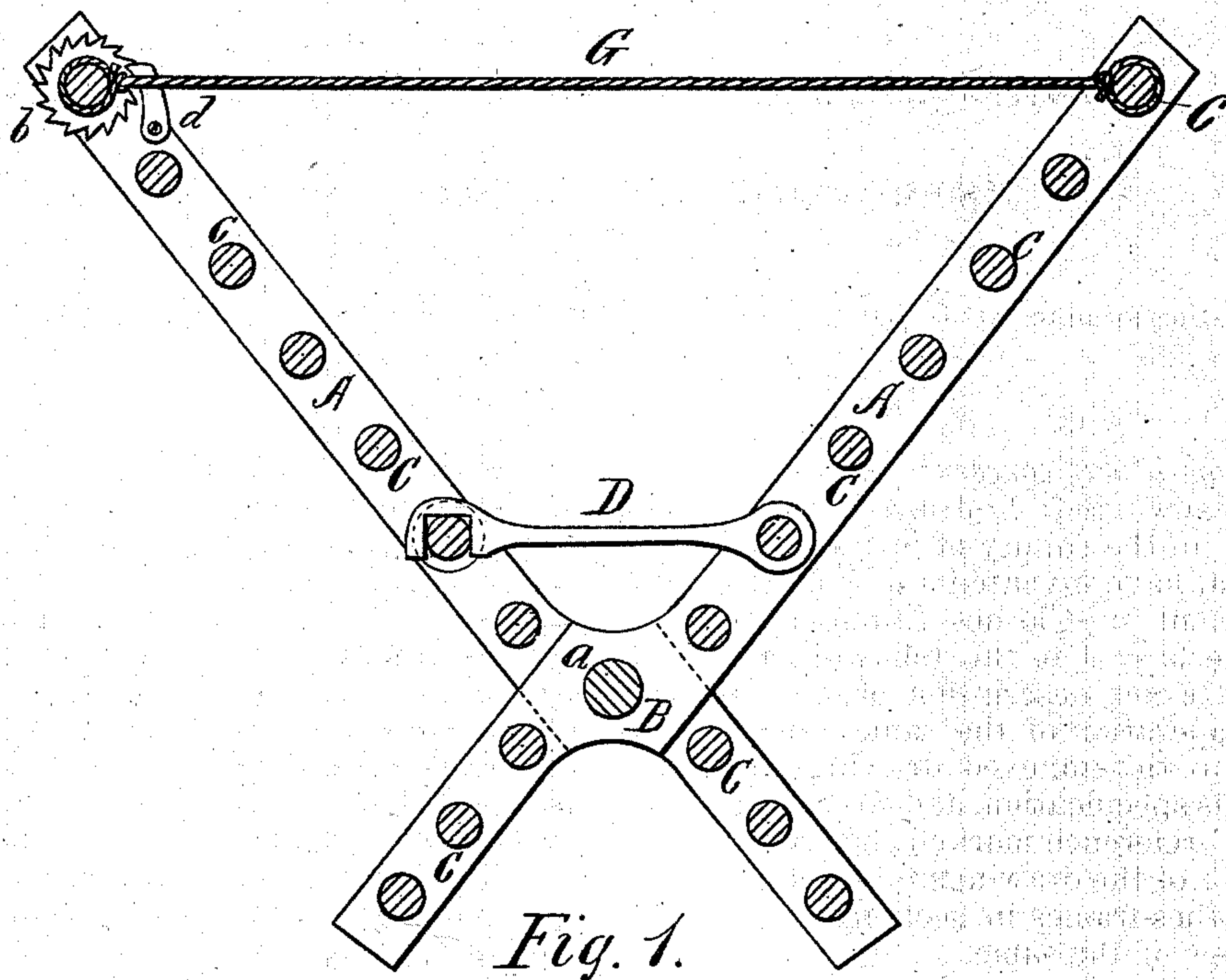


Fig. 1.

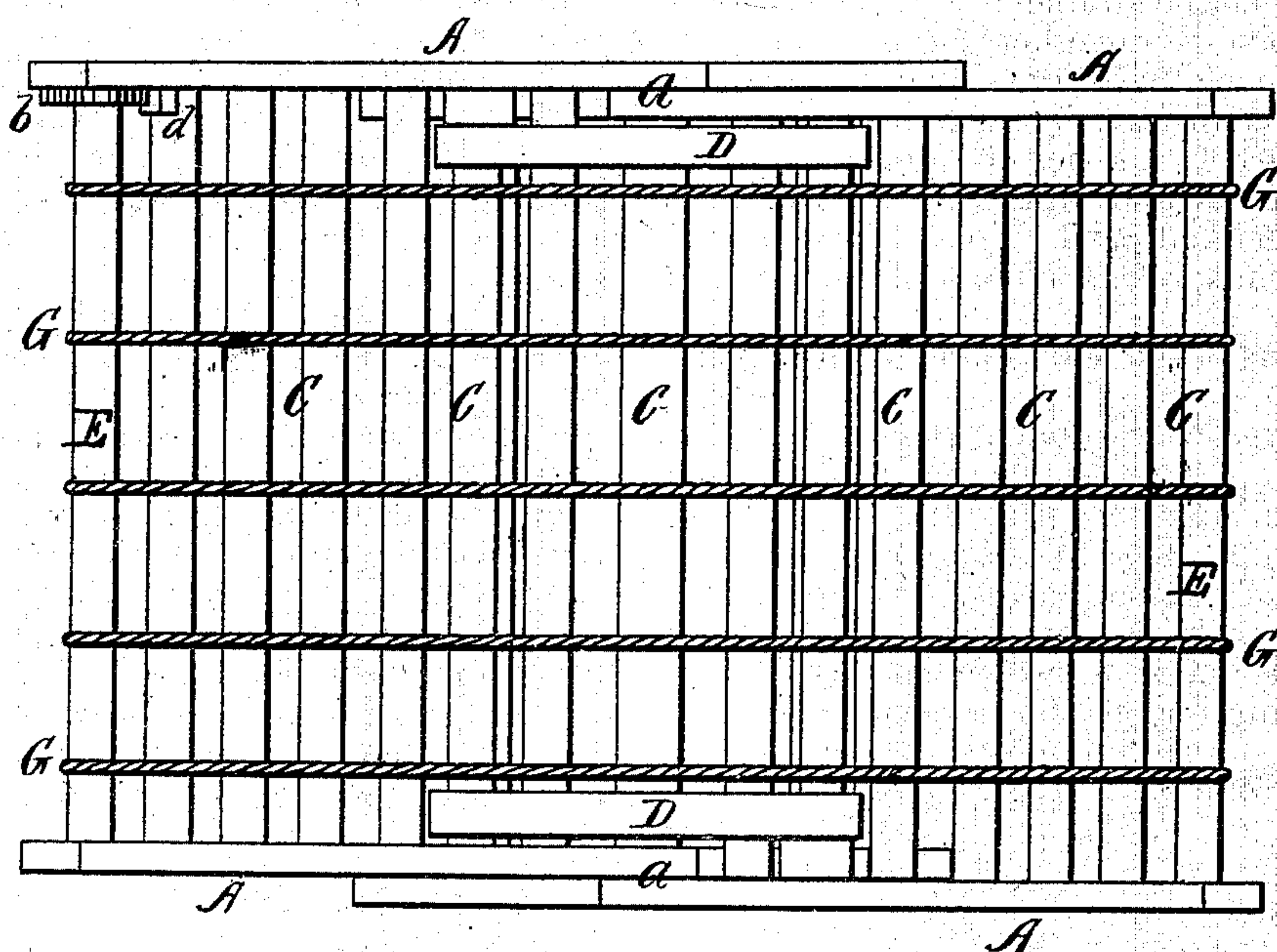


Fig. 2.

Witnesses.
Chas. B. Steele
Villette Anderson.

Inventor.
John C. Miller,
Chipman, Hornum & Co.
attorneys.

UNITED STATES PATENT OFFICE.

JOHN C. MILLER, OF ROCKPORT, INDIANA.

IMPROVEMENT IN CLOTHES-FRAMES.

Specification forming part of Letters Patent No. **146,087**, dated December 30, 1873; application filed August 2, 1873.

To all whom it may concern:

Be it known that I, JOHN C. MILLER, of Rockport, in the county of Spencer and State of Indiana, have invented a new and valuable Improvement in Clothes-Frames; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of my clothes-frames in section, and Fig. 2 is a plan view of the same.

My invention relates to what is usually known as "clothes-frames;" and it consists in two bars pivoted together, forming one side piece of the clothes-frames, and two of such side pieces connected by means of a number of round bars, in a series of cords attached to the top rounds and tightened by means of ratchet-wheel and pawl at one end of one of the top rounds, all as more fully hereinafter set forth.

Like letters of reference indicate corresponding parts.

A A represent two bars, which are, a suitable distance from their lower ends, bent, or form a knee, *a*, as shown in Fig. 1. The two bars A A are, at these knees, pivoted by means of the end of a round bar, B, passing through them, the other end of said round passing through the knees of two similar bars. The corresponding bars of the two side pieces thus formed are further connected by means of a number of rounds, C C, both above and below the knees *a a*. On one of the rounds C, above the knees, are pivoted two arms, D D, one at each end, the outer ends of which arms are notched or hooked, as shown in Fig. 1, form-

ing latches to catch on a round on the opposite side. These latches may catch on any of the rounds on the opposite side, and thus hold the clothes-frames more or less extended, as may be desired. The top rounds E of the clothes-frames, thus constructed, are connected by means of a series of cords, G G, and one of these top rounds is at one end provided with a ratchet-wheel, *b*, into which works a pawl, *d*, pivoted on the bar A. This ratchet-wheel and pawl should be made of galvanized iron, or other suitable metal that will not rust. The top round, to which the ratchet-wheel *b* is secured, is made so as to turn in its bearings in the bars A A, so that the cords G G may be tightened or regulated according to as the clothes-frames are spread more or less.

The clothes-frame thus constructed takes up comparatively little room, while it affords a large amount of surface upon which to hang clothes. When not necessary for use, it can be folded and put away, taking up but little room.

I am well aware that cords, ratchet-wheels, and pawls are not new in bedsteads, and therefore I do not claim such invention broadly.

What I claim as new, and desire to secure by Letters Patent, is—

The clothes-frame described, having bars A A, connected at the knees *a* by the bar B, the top rounds E, provided with the cords G, ratchet-wheel *b*, and pawl *d*, substantially as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN C. MILLER.

Witnesses:

J. WYTTEBACH,
N. P. BANKS.