

(No Model.)

L. F. PALMER.

FOLDING RACK.

No. 347,732.

Patented Aug. 17, 1886.

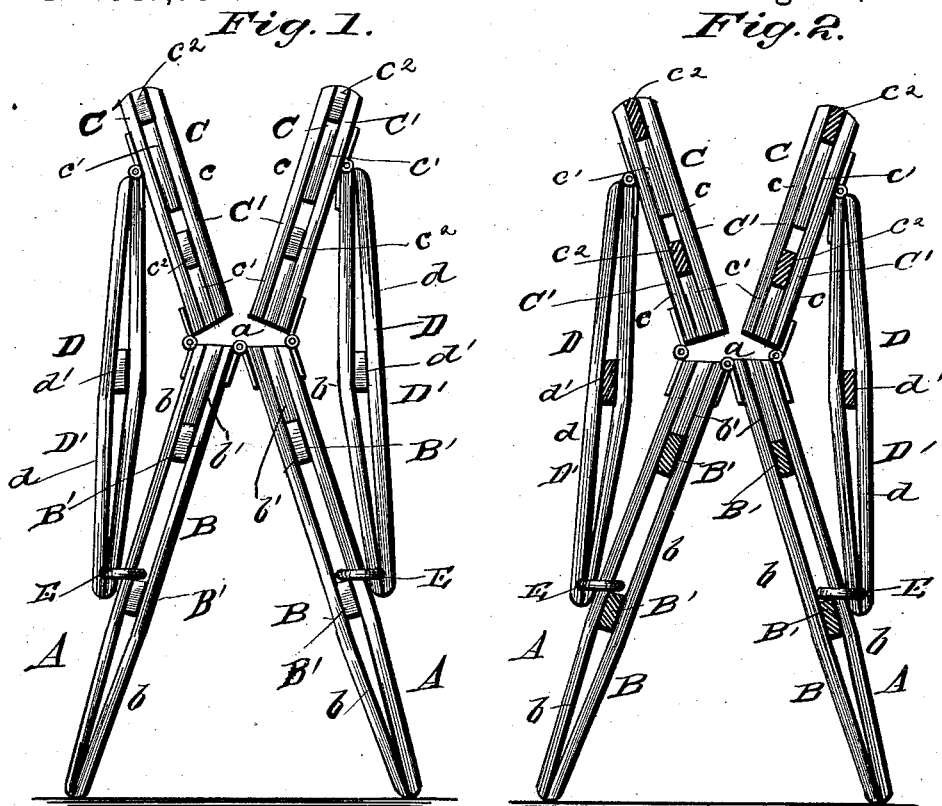
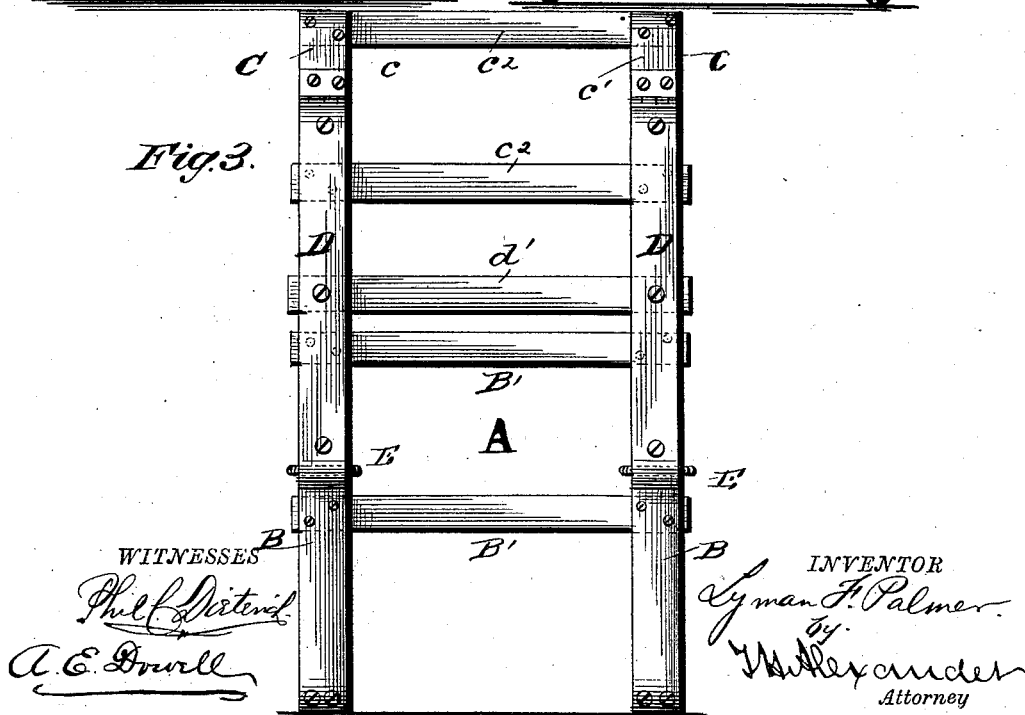


Fig. 3.



WITNESSES

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LYMAN F. PALMER, OF TOPEKA, KANSAS, ASSIGNOR TO LYMAN I. PALMER,
OF SAME PLACE.

FOLDING RACK.

SPECIFICATION forming part of Letters Patent No. 347,732, dated August 17, 1886.

Application filed March 20, 1886. Serial No. 195,996. (No model.)

To all whom it may concern:

Be it known that I, LYMAN F. PALMER, of Topeka, in the county of Shawnee and State of Kansas, have invented certain new and useful Improvements in Folding Racks; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification, in which—

Figure 1 is an end elevation of my improved extensible and folding clothes-rack. Fig. 2 is a vertical central section of the same. Fig. 3 is a side elevation.

This invention relates to improvements in clothes-racks; and it consists in the novel construction of the same, hereinafter fully described, and particularly pointed out in the claims.

In the drawings, A A designate the two similar lower portions of the rack, consisting of the vertical uprights B B, which are composed of thin strips *b b*, united rigidly together at their lower ends and having blocks *b'* fixed between them at the top, so that they are sprung apart, as shown. The uprights B B are in pairs and are united by a number of cross-pieces, B' B', which have their ends inserted between the pieces *b b* of the uprights B B and suitably secured thereto, as shown. The uprights B B of parts A A are hinged together at top at *a*, so that they may be spread apart, or folded when not in use.

C C are two similar frames composed of uprights C', formed of strips *c c*, having blocks *c'* interposed between them, as shown, and united by a suitable number of cross-pieces, *c''*, the ends of which are secured between the pieces *c c* of uprights C' in a suitable manner. The uprights C' of the frames C C are hinged, respectively, to the uprights B B of the frames A A at the upper ends thereof and on the opposite sides of the uprights B from the hinges *a*. The ends of the uprights C' B of their respective frames are beveled, so that the frames may be folded, as shown.

D D represent similar H-shaped frames, consisting of the uprights D', composed of thin strips *d d*, united rigidly at their ends and connected by one or more cross-pieces, *d'*, the ends of which are inserted between the pieces *d* of the uprights D', which are sprung to

receive them, and suitably secured thereto. The upper ends of the uprights of the frames D D are hinged to the respective uprights of the frames C C. To the lower ends of the uprights D' are hung metal loops E, which play freely over the outer pieces, *b*, of the uprights B B of frames A A, the sprung portions of the uprights B forming a slot or guide for their reception, as shown.

When the frame is to be used, the parts A A are spread apart, the frames C C are then opened, and are held by means of the frames D D (through their attachments to the frames C C and A A) securely in position. The cross-pieces of the several frames afford a large amount of line-surface, and it is obvious that many more such pieces may be put in the rack than I have shown in the annexed drawings.

By forming the uprights of the various frames of two pieces sprung together, as shown, I obtain great strength, and can make the frames of much lighter wood than could be used if they were made of but one piece.

When it is desired to fold the rack away when not in use or for storage, the frames A A and C C are closed, as described, and the frames D D, being hinged to frames C C, move upon the uprights of frames A A by their loops E.

Having described my invention, I claim—
1. The combination, in a clothes-rack, of the parts A A, composed of uprights B B and cross-pieces B', hinged together at top, and carrying-frames C C, respectively, with the frames D D, connected, as described, to the frames A A and C C, all substantially as and for the purpose set forth.

2. In a clothes-rack, the combination of the frames A A, constructed as described, and the frames C C, hinged to frames A A, composed of uprights C' and connecting pieces *c''*, with the frames D D, constructed as described, hinged to the frames C C, and suitably united to the uprights of frames A A by metal loops E, all substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

LYMAN F. PALMER.

Witnesses:

C. W. GUILD,
JAMES SURY.

Correction in Letters Patent No. 347,732.

It is hereby certified that Letters Patent No. 347,732, granted August 17, 1886, upon the application of Lyman F. Palmer, of Topeka, Kansas, for an improvement in "Folding Racks," was erroneously issued to Lyman I. Palmer, as assignee; that the said Letters Patent should have been issued to said *Lyman F. Palmer, and S. D. Palmer and D. M. Cherry, of Kansas City, Missouri*, as assignees of a part interest in said invention; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 31st day of August, A. D. 1886.

[SEAL.]

Countersigned:

R. B. VANCE,
Acting Commissioner of Patents.

H. L. MULBROW,
Acting Secretary of the Interior.