

(No Model.)

J. DANNER.

GOODS RACK.

No. 349,212.

Patented Sept. 14, 1886.

Fig. 1.

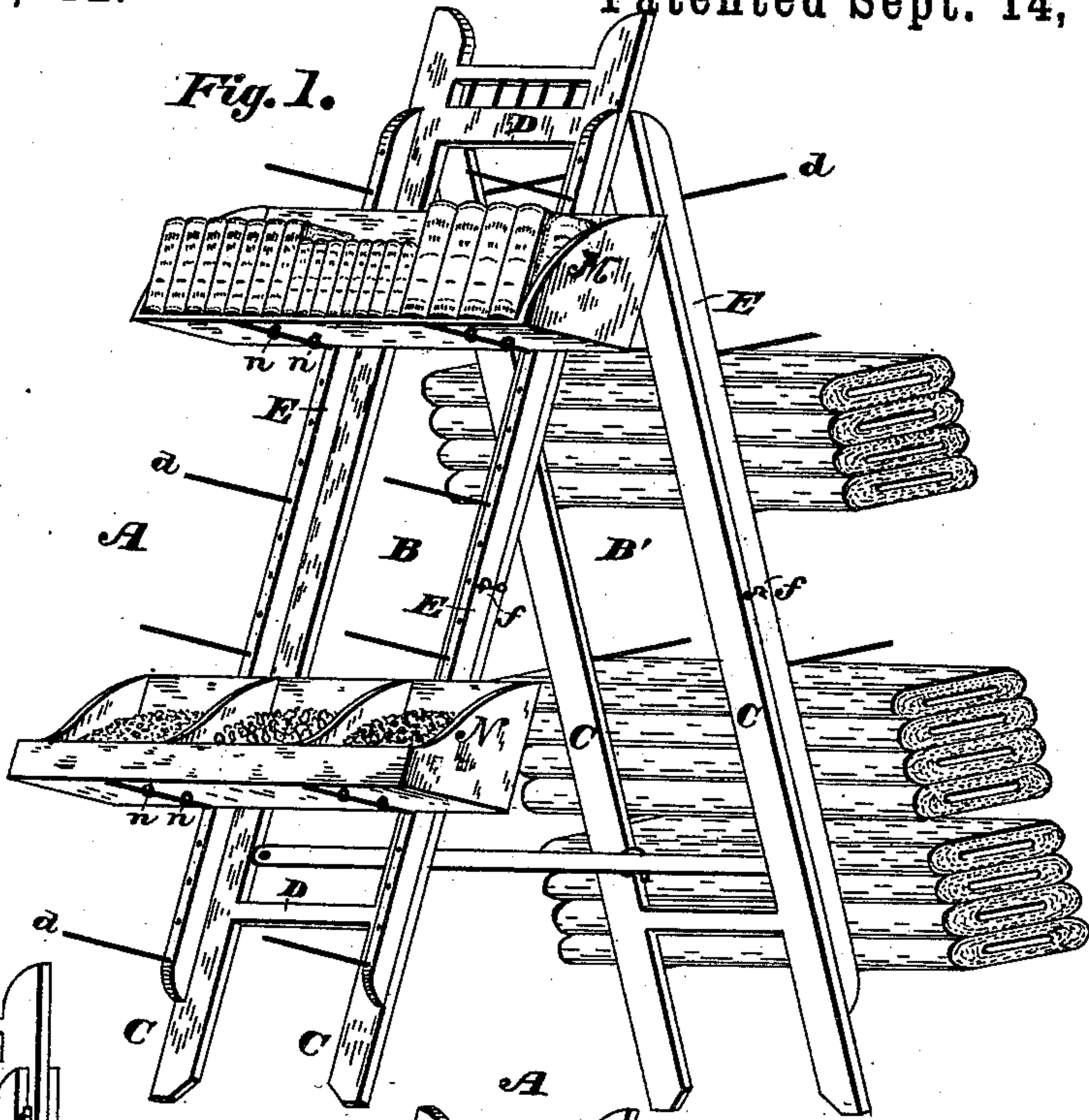


Fig. 3.

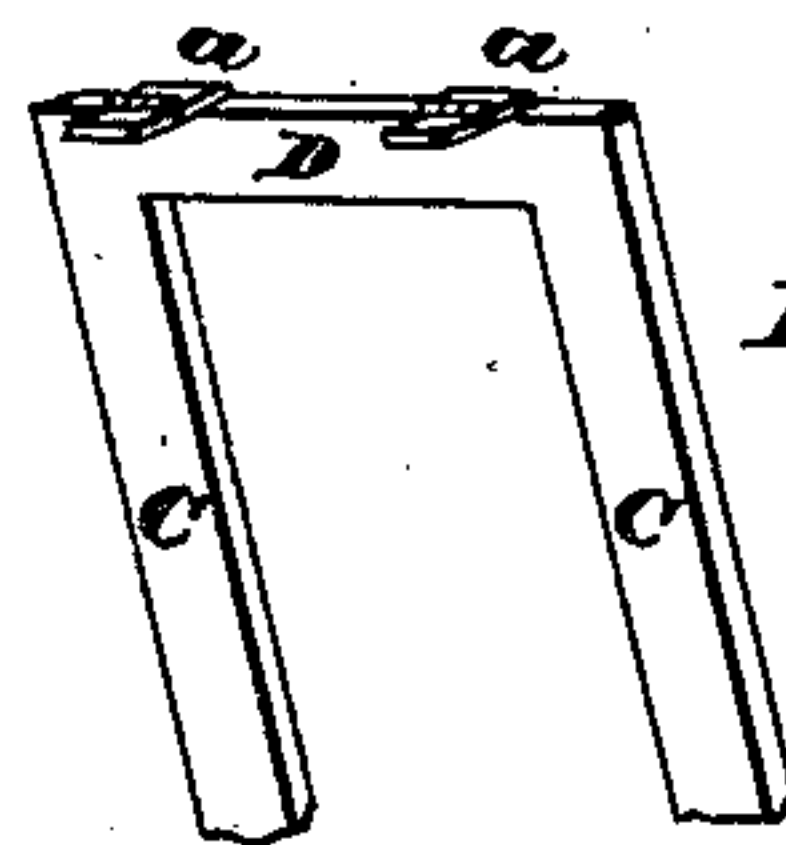
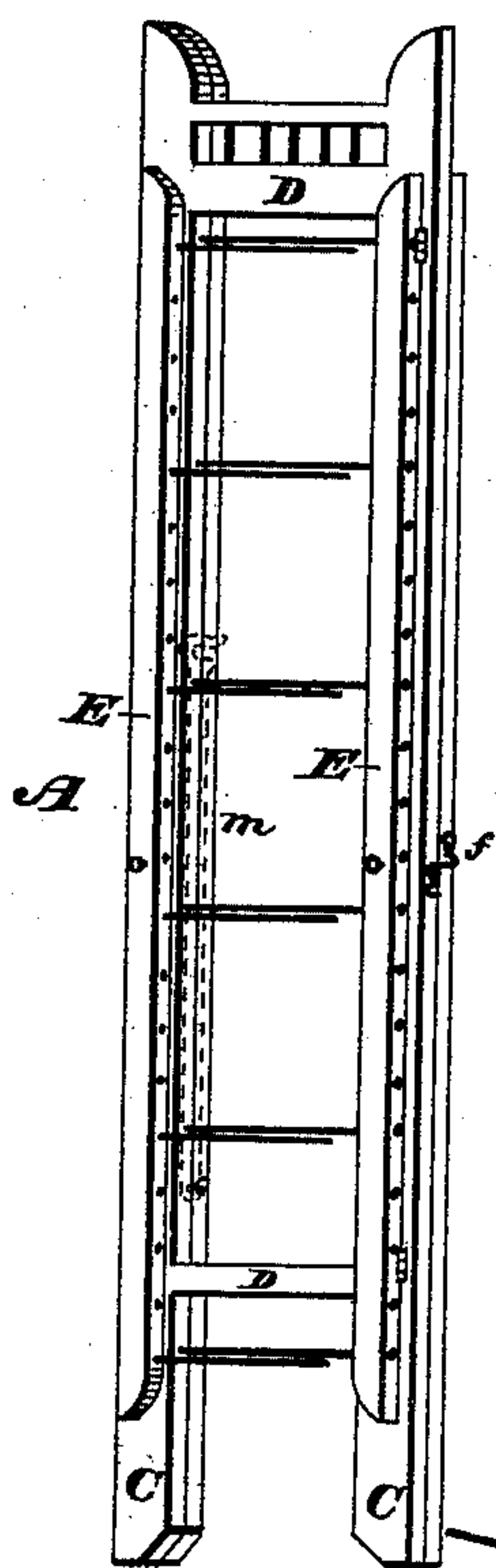


Fig. 4.

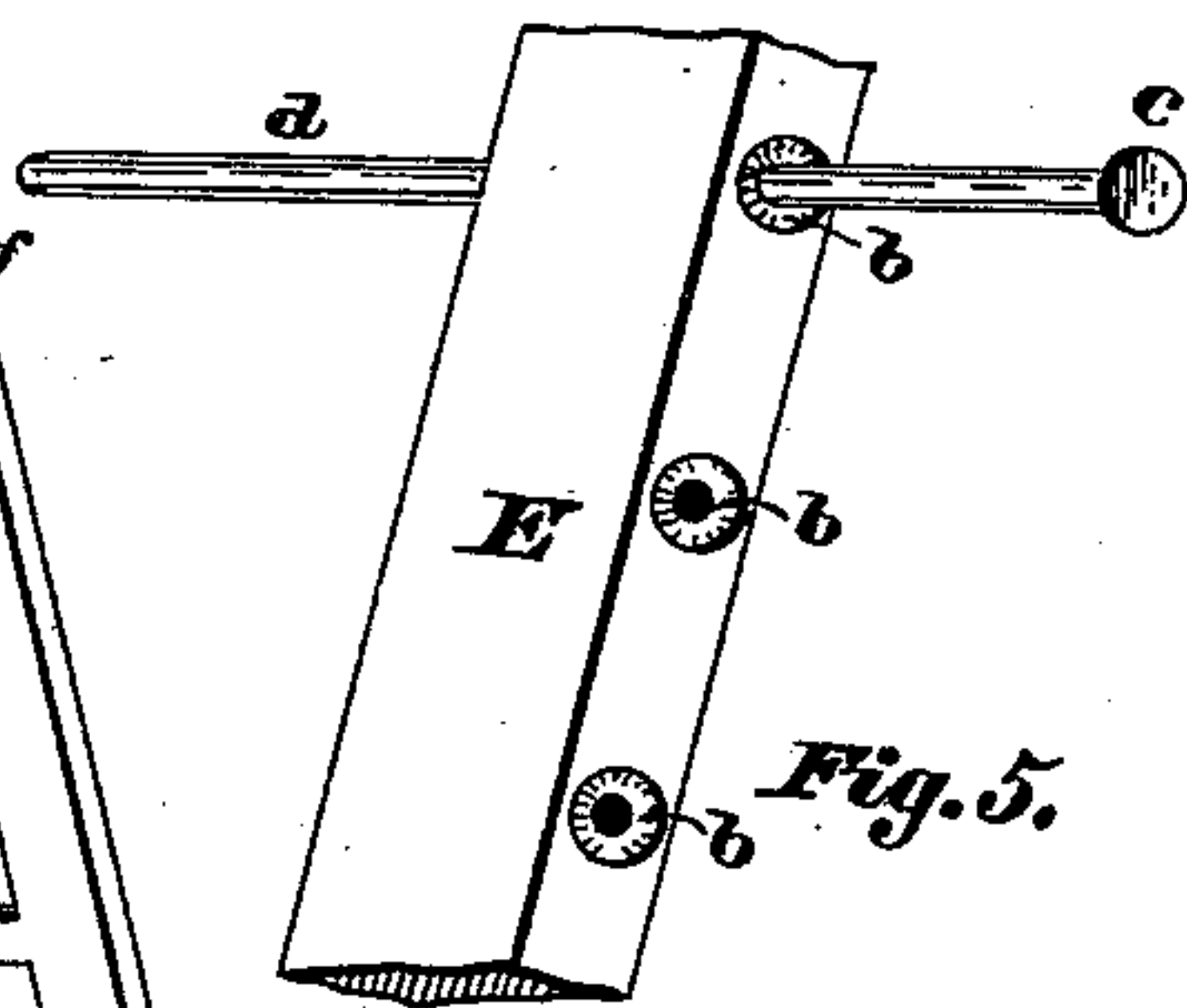
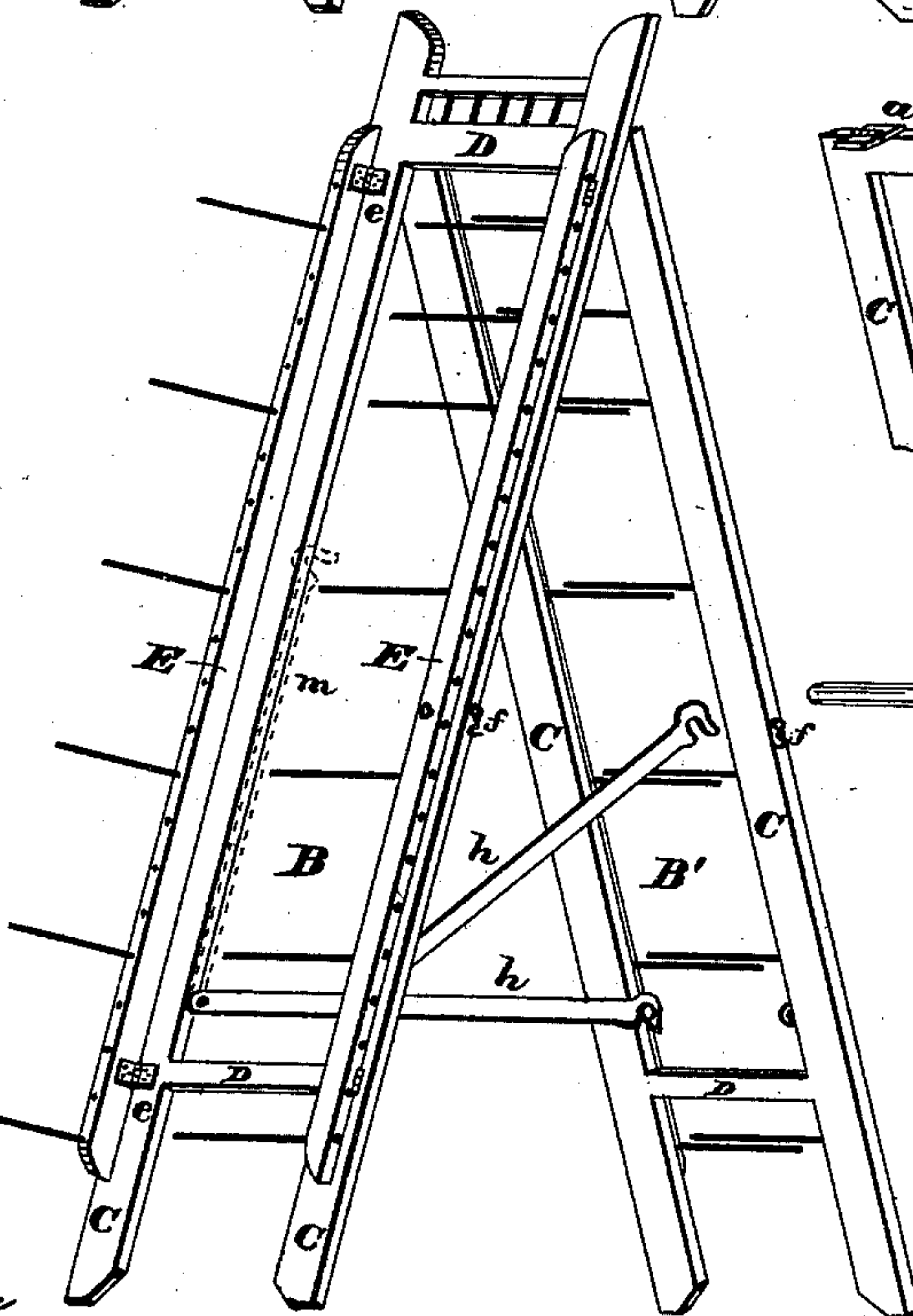


Fig. 5.

Fig. 2.



WITNESSES

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# UNITED STATES PATENT OFFICE.

JOHN DANNER, OF CANTON, OHIO.

## GOODS-RACK.

SPECIFICATION forming part of Letters Patent No. 349,212, dated September 14, 1886.

Application filed January 23, 1886. Serial No. 189,456. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN DANNER, a citizen of the United States, and a resident of Canton, county of Stark, State of Ohio, have invented  
5 a new and useful Improvement in Goods-Racks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification.

10 My invention relates to improvements in goods-racks; and it consists in providing a portable rack adapted to support a series of shelves for books or merchandise, and that is provided with projecting pins or arms adapted  
15 to support bolts of goods for exposition or other purposes, and that may be taken down and folded together for convenience in storing when not in use or for packing for transportation.

20 My invention also relates to and consists in the detail and combination of parts, as described, and set forth in the claims.

Figure 1 is a view in perspective of my improved goods-rack, showing the rack as partly occupied by bolts of goods and shelves of books  
25 and groceries, and partly unoccupied, showing the supporting-pins. Fig. 2 is same view of the rack empty and partly folded. Fig. 3 is a view of the rack folded as when not in use or for transportation. Figs. 4 is a view of a fragment of the frame, showing the upper end with  
30 hinges attached. Fig. 5 is a fragment of the pin-supporting strip and pin, enlarged.

Similar letters of reference indicate corresponding parts in all of the figures of the drawings.  
35

The rack A is composed of two frames, B and B', connected at their upper ends by hinges, the other end formed into legs or feet, which, when the rack is in use, rest on the floor. The  
40 side bars, C, of the frames B and B' may be of wood one inch thick and three inches wide, united by cross-bars D, placed one at the upper end of the frame, and to which the hinges a may be applied, and one near the bottom.  
45 Said bars may be of such size and number as may be required, preferably two and about one and one-half inch wide and one inch thick; or, if desired, the space between the side bars, C, may be closed with board-work in panels or other  
50 forms of finish. On the face of the bars C there is provided a facing-strip, E, of about one and

one-half inch in width and about one inch thick, and may be of the full length of the frame or shorter, as may be required, and may be provided with a series of perforations, b, of about  
55 five-sixteenths of an inch in diameter and of such distance apart, as desired, and to correspond in this measurement. Said strips are secured to the face of the side bars, C, by hinges e, (see Fig. 2,) and may stand out edgewise or  
60 at a right angle with the face of the side bar, C, or be folded down upon the face of the bar, as shown in Fig. 2. The supporting-pins d may be of any suitable material, preferably of steel or stiff brass, and may be polished or plated,  
65 if desired. Said pin has formed on one of its ends a countersunk head, c, the pin and head adapted to the countersink, and perforations b to place the pins in position. The strips E may be folded down on the face of the side bar, C, as shown in Fig. 2, and the pins passed into  
70 the perforations, as shown in Fig. 5, and when so placed at such intervals as may be desired the strip E may be turned out, as shown in Fig. 1, and secured in position by the hook f or  
75 other fastening, and when so fixed the head of the pin will rest in the countersink in the strip E and against the side bar, C, or the hinged strip E may be provided with other means of supporting the pin d instead of the perforations  
80 hereinbefore mentioned. The stay-rods h may be pivotally connected by one of their ends to the side bars, C, of the frame B, as shown in Fig. 2. The other end is formed into a hook, k, that may catch over a pin or into a staple, l, on the side bars, C, of the frame B', to support the rack when in use, or may be turned up,  
85 as shown, by the dotted lines m, Figs. 2 and 3.

In Fig. 1 is shown a few of the uses to which this invention is adapted in the exhibition of  
90 bolts of goods, a shelf of books, and a case of groceries. The shelves M and N may be of a variety of forms and are removable, and when on the frames are held in position by the rings or staples n, provided on the underside of the shelf,  
95 and through which the pins pass. Said rings also form feet for the shelf to rest upon when removed from the frame and placed on a counter or elsewhere. The shelves may be provided with folding backs or ends and may be provided with a glass or other covering. The  
100 number of the pins d may be varied and so placed



in the strips C as to adapt the rack to the required use, and may be moved from one perforation to another by folding the strip over on its side, as shown in Fig. 2, when the pins may  
5 be moved out of and into the perforations, as desired, and will be held in position when the strip is again turned back into position, as shown in Fig. 1, and secured by the hook *f*.

To fold the rack for convenience in storage  
10 or transportation, remove the shelves, fold in the pin-strips, raise the stay-rods, as shown by the dotted lines, and fold the rack, as shown in Fig. 3.

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

1. A goods-rack consisting, essentially, of two rectangular frames hinged together at their upper ends, each of said frames having strips  
20 hinged to the front face thereof, and devices projecting from said strips for supporting the articles, substantially as set forth.

2. The combination, with two rectangular frames hinged together at their upper ends,  
25 each of said frames being provided with the strips E, the latter being hinged to the frames

and provided with projecting devices for supporting the goods or shelves, of hooks or equivalent fastening devices for locking the frames in open adjustment, substantially as set forth. 30

3. In a goods-rack, the frames B and B', hinged together, as described, having side bars, C, provided with the perforated strips E, hinged thereto, the outwardly-projecting removable pins *d* as a support for shelves, show-cases, bolts of  
35 goods, and other merchandise, substantially as shown and described.

4. In a goods-rack, as herein described, having projecting pins *d*, that may be removed or folded down, as described, the shelf M, provided  
40 on its bottom side with rings or staples *n*, adapted to embrace the said pins for the purpose of securing the shelf thereto, substantially as shown and described, and for the purpose set forth. 45

In testimony whereof I have hereunto set my hand this 21st day of January, A. D. 1886.

JOHN DANNER.

Witnesses:

W. K. MILLER.

CHAS. R. MILLER.