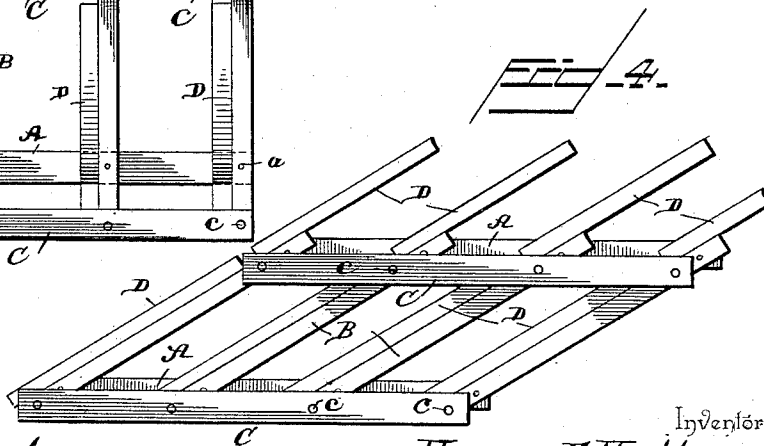
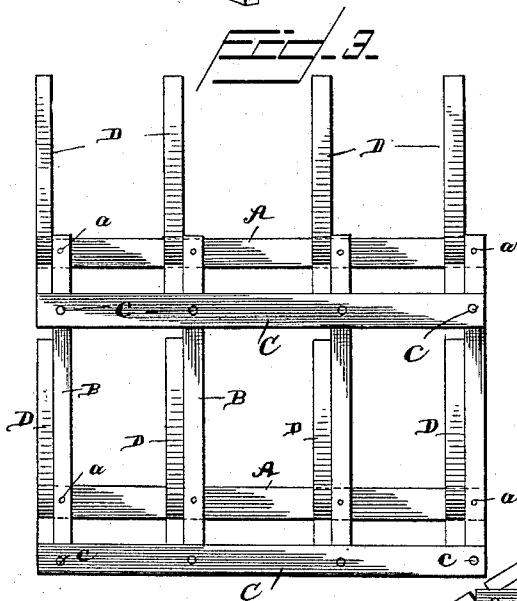
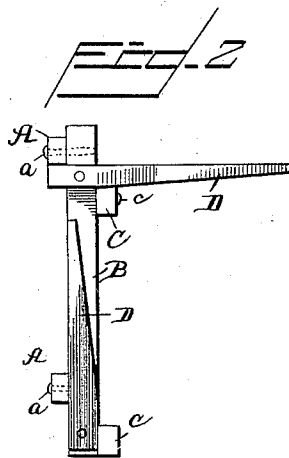
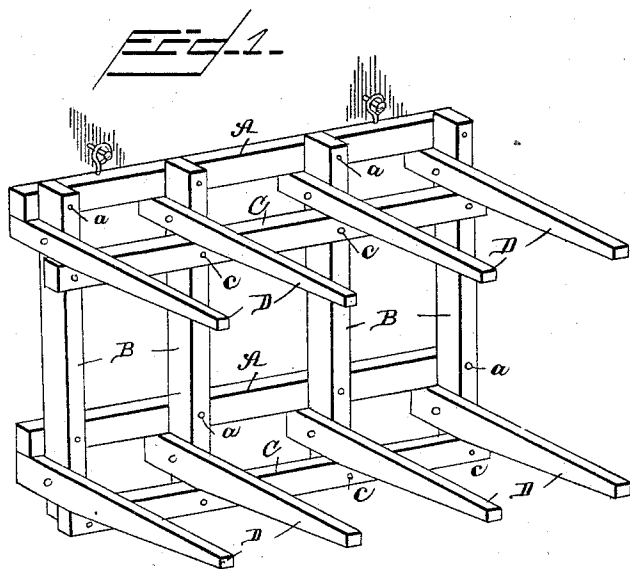


(No Model.)

H. F. HUTTON.
RACK.

No. 468,461.

Patented Feb. 9, 1892.



Witnesses

H. G. Dieterich

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UNITED STATES PATENT OFFICE.

HOMER F. HUTTON, OF ENNIS, MONTANA.

RACK.

SPECIFICATION forming part of Letters Patent No. 468,461, dated February 9, 1892.

Application filed February 20, 1891. Serial No. 382,240. (No model.)

To all whom it may concern:

Be it known that I, HOMER F. HUTTON, a citizen of the United States, residing at Ennis, in the county of Madison and State of Montana, have invented a new and useful Rack, of which the following is a specification.

This invention is an improvement in racks, and has for its objects the simplification of the structure of racks, the cheapening of the cost of their manufacture, and the general improvement of racks in the matter of the space occupied by them, their portability, and their strength.

With these objects in view the invention resides in the various novel details of construction and in the combination of parts hereinafter fully described, and particularly pointed out in the claims.

In the drawings in which I have illustrated my invention, and in which like letters of reference indicate corresponding parts, Figure 1 is a perspective view of my rack as supported upon a wall. Fig. 2 is a side elevation of the same, the upper arms being shown thrust forward and the lower arms folded back within the frame. Fig. 3 is a plan view of the rack, the arms being folded within the frame so that the same may be collapsed. Fig. 4 is a similar view showing the frame partly collapsed.

In the drawings, the letter A designates a pair of horizontal parallel bars which are united by vertically-disposed parallel bars B. The fastenings which unite these two sets are pivotal and are indicated by the letters a. Upon the opposite side of the parallel bars B are two parallel bars C, which are connected to the bars B in a manner similar to the way in which the bars A are connected thereto by the pivots c. The parallel bars A and the parallel bars C are parallel to each other, and the bars A are arranged a trifle above the bars C, the two sets of bars being, as before stated, arranged upon opposite sides of the parallel bars B.

Pivoted to one side of each of the parallel bars B, on lines diagonally connecting the bars A and C, are arms D. These arms are all arranged upon the same sides of the bars B, in order that in folding they may take as little space as possible. These arms D when in use are pulled downward until they occupy a horizontal or nearly horizontal position. In this position the arms are supported, by having the bars C to rest upon, upon the

same sides of their pivots as the sides where the weight is applied and they have the bars A on the opposite sides of their pivotal connections against which their ends bear.

When it is desired to fold the rack for packing or for storing away, the same is lifted from the wall where it has been supported in any usual or convenient way, and the arms D folded against and in alignment with the parallel bars B, as shown in Fig. 3. When this has been done, the whole frame-work may be collapsed, as shown in Fig. 4, for the parallel bars are pivotally connected, as shown at a and c, and the arms D are folded against the bars B and are thus out of the way. When thus folded the arms D lie between the bars A and C and are thus prevented from swinging out of a folded position.

From the foregoing description it will be very evident that my rack is a vast improvement over the old forms and its extreme simplicity in form and structure renders it available for every purpose. It will be extremely useful for traveling, for its lightness and ease with which it may be collapsed render it convenient and handy.

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

The combination, with the series of vertical bars B, the rear transverse bars A, one pivoted at the upper ends of the bars B and one pivoted near the lower ends thereof, and the pair of front transverse bars C, one pivoted to the front faces of the bars B, below their upper ends and the upper bar A, and the other below the lower bar A at the lower ends of the bars B, of the upper and lower bars D, pivoted near their rear ends to the side faces of the bars B, between the bars A and C, so as to rest upon the latter and under the former when the frame is open, said bars D being further adapted to lie between the bars A and C when folded parallel to the bars B and the frame closed, the lower set of bars D being of length less than the distance between the bars C when the rack is open, substantially as specified.

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

HOMER F. HUTTON.

Witnesses:

O. G. SMITH,
HORACE BULL.