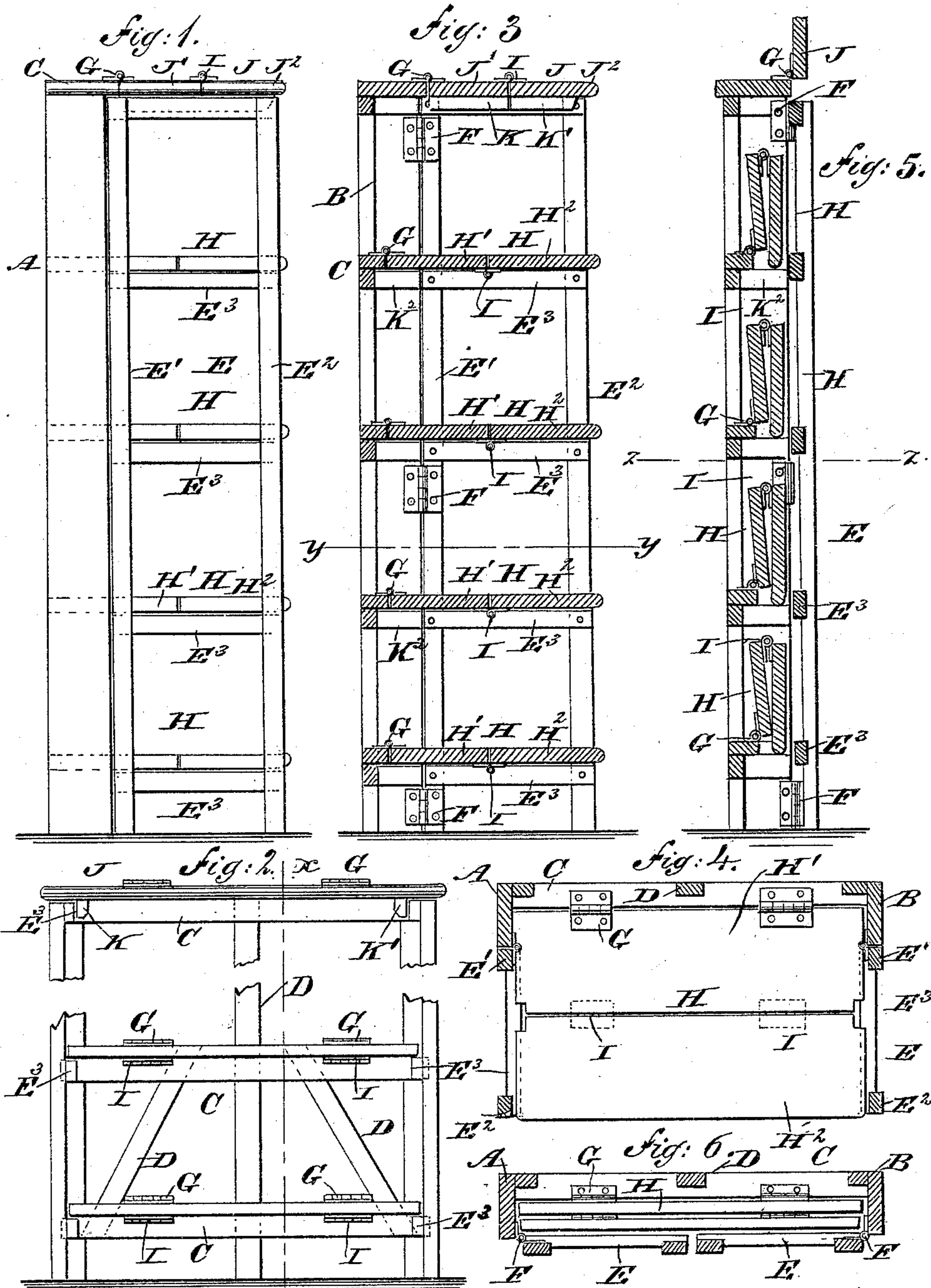


(No Model.)

H. A. J. RIECKERT.
KNOCKDOWN EXHIBITION STAND.

No. 473,783.

Patented Apr. 26, 1892.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HERMAN A. J. RIECKERT, OF NEW YORK, N. Y.

KNOCKDOWN EXHIBITION-STAND.

SPECIFICATION forming part of Letters Patent No. 473,783, dated April 26, 1892.

Application filed August 8, 1891. Serial No. 402,149. (No model.)

To all whom it may concern:

Be it known that I, HERMAN A. J. RIECKERT, of the city, county, and State of New York, have invented a new and Improved Knockdown Exhibition-Stand, of which the following is a full, clear, and exact description.

The invention relates to knockdown furniture; and its object is to provide a new and improved exhibition-stand, which is simple and durable in construction, can be readily folded for storing and transportation, and is arranged to be conveniently set up for use in stores, hotels, and like places for exhibiting goods.

The invention consists of certain parts and details and combinations of the same, as will be hereinafter fully described, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the improvement. Fig. 2 is a broken front view of the same. Fig. 3 is a sectional side elevation of the same on the line $x x$ in Fig. 2. Fig. 4 is a sectional plan view of the same on the line $y y$ in Fig. 3. Fig. 5 is a sectional side elevation of the improvement as folded up, and Fig. 6 is a sectional plan view of the same on the line $z z$ of Fig. 5.

The improved exhibition-stand is provided with two posts A and B, connected with each other by a series of transverse bars C, braced or otherwise strengthened by suitable braces or posts D. On each of the posts A and B is hinged a side E by means of a number of hinges F, as plainly illustrated in the drawings, the said hinges being arranged on the inside. Each of the sides E is formed of two uprights E^1 and E^2 , connected with each other by horizontally-extending bars E^3 , projecting slightly on the inside of the uprights, so as to form cleats.

On the transverse bar C are hinged by suitable hinges G the shelves H, each resting on two opposite cleats E^3 of the sides E when the latter are extended, as plainly shown in Figs. 1, 2, 3, and 4. Each shelf H is made of two parts H^1 and H^2 , connected with each other at their under side by means of hinges I, so that each shelf H can be swung upward on its

hinges G and folded, the part H^2 onto the part H^1 by means of the hinges I. (See Fig. 5.) The top J of the stand is formed similar to the shelves H—that is, made in two parts J^1 and J^2 , connected with each other by a hinge I, arranged, however, on the top of the said parts. The innermost part J^1 is connected by a hinge G with the top cross-bar C, connecting the two posts A and B with each other.

On the under side of the parts J^1 and J^2 of the top J are secured transversely-extending bars K and K^1 , respectively, adapted to fit onto the inside of the uppermost cleats E^3 of the sides E, so as to hold the latter in a locked outermost position. The sides of the shelf parts H^1 and H^2 are slightly cut out at the joint, so as to conveniently pass the respective hinges F when the shelves are folded up, as illustrated in Figs. 5 and 6. On the inside of the two posts A and B and in line with the connecting-bars C are arranged short cleats K^2 , on which are adapted to rest the lower or outer edges of the shelf parts H^2 when the shelves H are folded up, as above described and as illustrated in Fig. 5. When the shelf is extended, as shown in Figs. 1, 2, 3, and 4, the sides E extend parallel to each other, with the shelves H and the top J resting on the cleats E^3 , formed by the connecting-bars of the uprights E^1 and E^2 of the said sides. It will be seen that when the stand is in this position the shelves can conveniently support merchandise and other goods, and as the stand is open on all sides ready access is had to the merchandise.

When it is desired to fold the stand for storage or transportation, then the operator first folds the part J^2 of the cover J onto the part J^1 and then swings the latter in an upright position, so as to disengage the bars K from the top cleats E^3 . The operator then folds the shelves H by swinging the part H^2 onto the part H^1 and both into a vertical position on the hinges G, as plainly shown in Fig. 5. The lower edges of the shelf parts H^2 then rest on the cleats K^2 , and are thus prevented from accidentally dropping down in closing the sides E. The two sides E are then swung inward so as to fold onto the parts H^2 of the shelves H, said sides being of a length slightly less than one-half the distance between the two posts A and B. (See Fig. 6.) When the

stand is in this position, it takes up very little room and can be conveniently stored away for further use. The posts can be of a sufficient width to readily accommodate the folded-up shelves H, so as to permit the sides E to swing inward, as plainly shown in Figs. 5 and 6.

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

10 1. In knockdown furniture, the combination, with two connected corner-posts, of sides hinged to the said posts and shelves hinged to the connecting-bars of the said posts, and each made in two parts hinged together and
15 resting on cleats formed on the said sides, substantially as shown and described.

2. In knockdown furniture, the combination, with two corner-posts and bars for connecting the same rigidly with each other, of
20 sides hinged to the said corner-posts and each made of two uprights connected with each other by bars forming cleats projecting from the inner surface of the said sides and shelves hinged to the post-connecting bars and resting on the said cleats, substantially as shown
25 and described.

3. In knockdown furniture, the combination, with two corner-posts and bars for connecting the same rigidly with each other, of sides hinged to the said corner-posts and each
30 made of two uprights connected with each other by bars forming cleats projecting from the inner surface of the said sides, shelves hinged to the post-connecting bars and resting on the said cleats, each shelf being made
35 in two parts hinged together lengthwise, substantially as shown and described.

4. In knockdown furniture, the combination, with two connected corner-posts, of shelves hinged to the connecting-bars of the
40 said posts and each made in two parts hinged together, and short cleats attached to the inside of the said posts to rest the lower edge of the outermost shelf part on when the shelves are folded, substantially as shown and
45 described.

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Witnesses:

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C. SEDGWICK.