

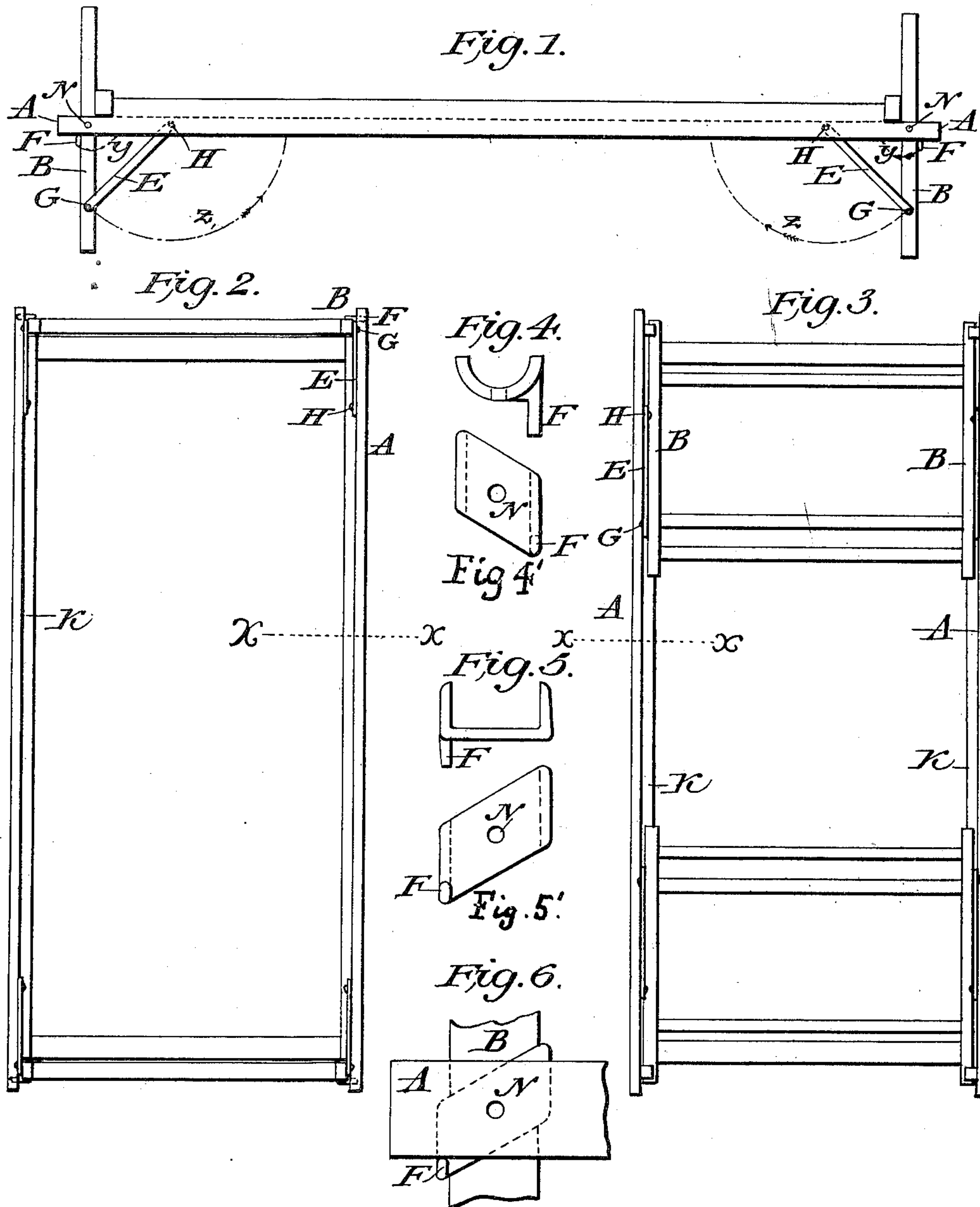
No. 657,901.

Patented Sept. 11, 1900.

J. S. DYETT.
FOLDING COT OR BED.

(Application filed Apr. 6, 1900.)

(No Model.)



Witnesses:

Ernest L. Frisbee
Mary E. Sullivan.

Fig. 7.

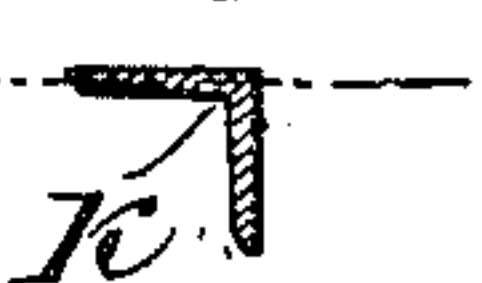


Fig. 8.



Inventor:

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UNITED STATES PATENT OFFICE.

JAMES S. DYETT, OF ROME, NEW YORK, ASSIGNOR TO THE HARD MANUFACTURING COMPANY, OF BUFFALO, NEW YORK.

FOLDING COT OR BED.

SPECIFICATION forming part of Letters Patent No. 657,901, dated September 11, 1900.

Application filed April 6, 1900. Serial No. 11,876. (No model.)

To all whom it may concern:

Be it known that I, JAMES S. DYETT, a citizen of the United States, residing at Rome, in the county of Oneida and State of New York, have invented a new and useful Folding Cot or Bed, of which the following is a specification.

My invention relates to improvements in cots having folding ends; and the objects of my improvement are, first, to provide a connection between the ends and body of the cot such that the ends can be closed or folded up within the cot, leaving no projections to be broken in shipment; second, to secure a firm and stable connection between the ends and body of the cot when in use; third, to secure ease and rapidity in folding, and, fourth, to minimize the space occupied by the cot when not in use. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side view of my improved cot. Fig. 2 is a bottom view as it appears when opened. Fig. 3 is a bottom view as it appears when closed. Fig. 4 is a plan view of the corner-lock, and Fig. 4' is an elevation of the same. Fig. 5 is a plan view of a modification of the corner-lock, and Fig. 5' is an elevation of the same. Fig. 6 is a detailed view of one of the corners. Fig. 7 is a cross-section along the line X X, Figs. 1 and 2, of the side piece A, showing a suitable form where the cot is constructed of iron or other metal. Fig. 8 is a modification of this last-mentioned cross-section suitable where the cot is constructed of wood.

Similar letters refer to similar parts throughout the several views.

A A are the side pieces of the cot.

B B are the corner-posts, rigidly coupled together at each end.

E E are diagonal braces connected with the posts B B and the side pieces A A by means of pivots G G and H H, upon which pivots as centers the said braces swing.

The corner-lock is attached to the inner side of the side piece A by the pivot N, upon which pivot it turns. The lug F by engaging the side piece A limits the angular distance through which the lock is free to turn

about the pivot N. The corner-lock clasps the end post B, which slides back and forth within its containing portions. Each side piece A has a groove or recess K running longitudinally along its inner side.

The mode of operating this cot is as follows: When the same is in use, the various parts are substantially in the position shown in Figs. 1 and 2. To close or fold the cot, the end piece is pushed downward, so that the post B slides within the containing portions of the corner-lock. The lock as a whole turns about the pivot N, so that the lug F travels along an arc shown by the dotted line Y. The brace E swings about the pivot H as a center, so that the pivot G describes an arc shown by the dotted line Z. The end piece is thus made to assume a position underneath the body of the cot, with the posts B B resting in the grooves or recesses K K, as shown in Fig. 3.

As is obvious, my invention can be adapted to the employment of corner-posts having any convenient form of cross-section.

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

1. A folding cot or bed comprising corner-posts and side pieces, corner-locks clasping the corner-posts, pivots connecting the locks with the side pieces, lugs projecting from the corner-locks and engaging the side pieces, braces between the corner-posts and side pieces, pivots connecting the braces with the corner-posts and side pieces, and grooves or recesses running along the lower inner sides of the side pieces, substantially as described.

2. A folding cot or bed comprising corner-posts and side pieces, corner-locks clasping the corner-posts, pivots connecting the locks with the side pieces, lugs projecting from the corner-locks and engaging the side pieces, braces between the corner-posts and side pieces, and pivots connecting the braces with the corner-posts and side pieces, substantially as described.

JAMES S. DYETT.

Witnesses:

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