

A. PHIPPS.
DOUBLE DECK BUNK.
APPLICATION FILED AUG. 14, 1919.

1,389,697.

Patented Sept. 6, 1921.

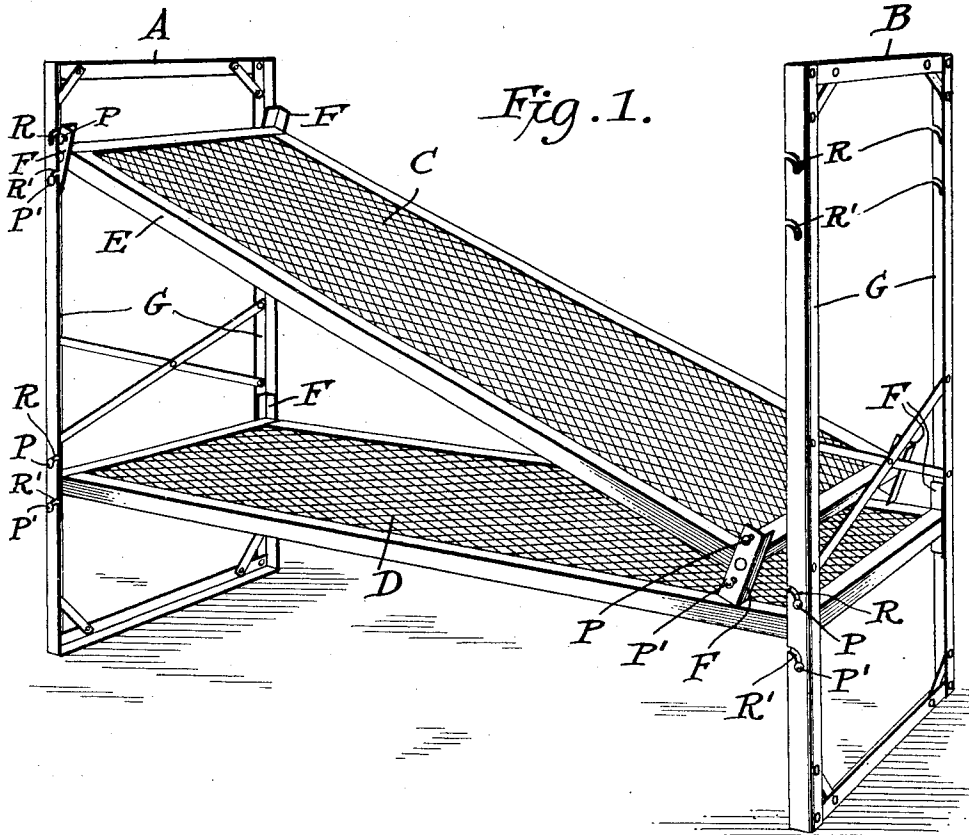
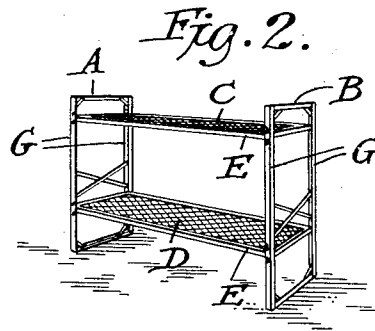
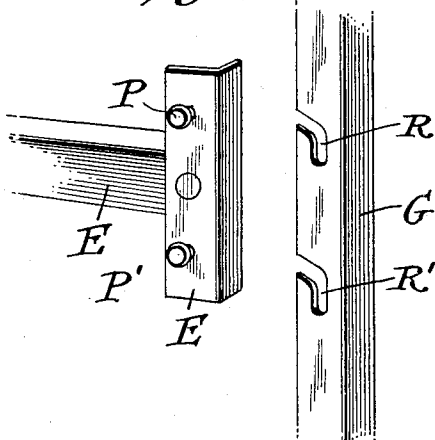


Fig. 3.



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By his Attorney
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UNITED STATES PATENT OFFICE.

ARTHUR PHIPPS, OF BALTIMORE, MARYLAND, ASSIGNOR TO SOUTHERN-ROME COMPANY, BRANCH OF ROME METALLIC BEDSTEAD COMPANY, OF BALTIMORE, MARYLAND, A CORPORATION OF NEW YORK.

DOUBLE-DECK BUNK.

1,389,697.

Specification of Letters Patent.

Patented Sept. 6, 1921.

Application filed August 14, 1919. Serial No. 317,505.

To all whom it may concern:

Be it known that I, ARTHUR PHIPPS, a citizen of the United States, residing at Baltimore, county of Baltimore, State of Maryland, have invented certain new and useful Improvements in Double-Deck Bunks, the following being a full, clear, and exact disclosure of the one form of my invention which I at present deem preferable.

For a detailed description of the present form of my invention, reference may be had to the following specification and to the accompanying drawing, which illustrates my invention, wherein—

Figure 1 shows the bunk partly assembled; Fig. 2 shows it in assembled condition; Fig. 3 shows a detail on a larger scale.

My invention relates to a construction of double-deck bunks by which they may be assembled or disassembled in an extremely simple and easy way and yet be secured together with unflinching rigidity when in their assembled condition.

Referring to the drawing, A and B represent two identical end frames of rectangular shape formed by two vertical angle-bar posts G, G connected across at top and bottom by horizontal braces. C and D represent two identical bed frames also of rectangular shape, formed by two horizontal angular side bars connected across by braces at the head and foot. At each end of each bed frame and on both sides thereof is a short vertical cross piece F of angle iron riveted securely to both the longitudinal and transverse member of the bed frame. This cross piece holds the said members together and forms a rigid corner for the frame. It also fits inside of the vertical angle bar of the rectangular bed frame when assembled therewith and is fastened thereto by means of two studs P and P¹ located at different levels on the sides of each cross piece. These studs enter into two bayonet-joint slots R, R¹ on the longitudinal side of the angle-bar post. These cross-pieces F by virtue of their vertical length also provide a long interior bearing of the bed-frame corner against the angle bar of the end frame which, together with the widely

spaced locking studs, provides a firm connection of the joined parts, holding them together against strains in all directions. In particular it should be noted that the four corners of the bed frame rest inside of the four angles of the end frames and when both bed frames are in place nearly all the stress on the locking studs is a vertical shearing stress that is resisted by two studs in line at each of the eight junctions.

What I claim and desire to secure by Letters Patent is:

1. A bunk of the character described comprising spaced apart slotted end frames, a plurality of rectangular bed frames, and short vertical cross pieces bracing the corners of the respective bed frames, said cross pieces having pins engaging the slots of said end frame, whereby the bed frames may be supported.

2. A bunk of the character described comprising spaced apart slotted end frames, a plurality of rectangular bed frames, and short vertical cross pieces secured to the outer faces of the side and end bars of the bed frames at the corners thereof, said cross pieces having pins engaging the slots of said end frames, whereby the bed frames may be supported.

3. A bunk of the character described comprising spaced apart end frames provided with angle bar side members, a plurality of rectangular bed frames, and angle iron cross pieces attached to and bracing the corners of the bed frames, said end frames and said cross pieces having complementary means by which the bed frames may be supported, the cross pieces being positioned to fit within the angle bar side members of the end frames.

4. A bunk of the character described comprising spaced apart end frames, a plurality of rectangular bed frames, and short vertical cross pieces bracing the corners of said bed frames and provided with lateral studs, said end frames having slots to receive said studs.

Signed at Baltimore, city of Baltimore, State of Maryland, this 4th day of August, 1919.

ARTHUR PHIPPS.