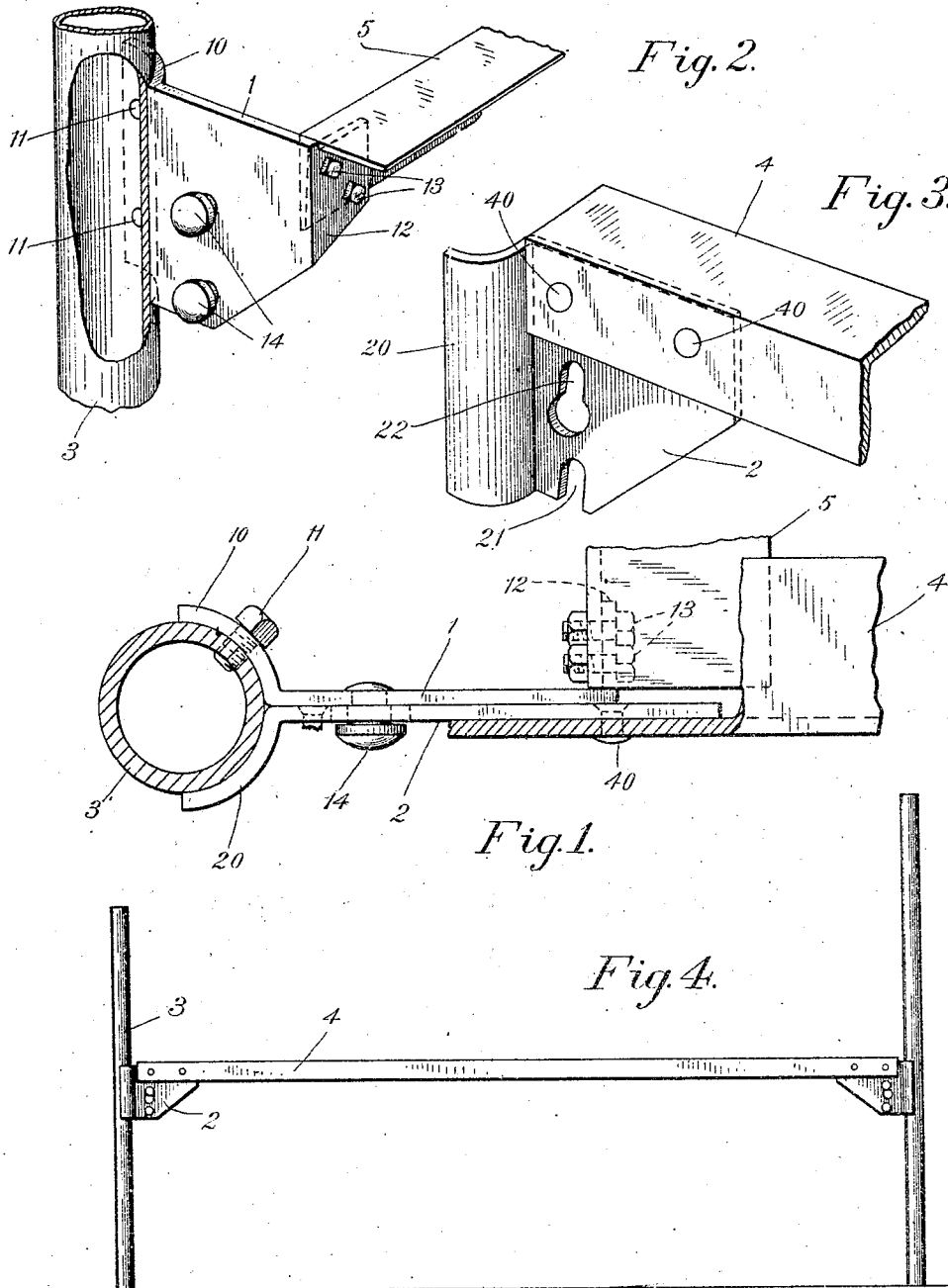


J. DUKE.
BED FRAME.

APPLICATION FILED JUNE 9, 1909.

954,563.

Patented Apr. 12, 1910.



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BED-FRAME.

954,563.

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To all whom it may concern:

Be it known that I, JOSEPH DUKE, a citizen of the United States of America, and a resident of the city of Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Bed-Frames, of which the following is a specification.

My invention relates to metallic beds, and has for its principal object to provide a simple and inexpensive two part brace which may be readily applied to tube and angle sections without casting.

Further objects and advantages will be set forth as the description progresses and those features on which I desire protection defined in the appended claims.

In the accompanying drawing, wherein like reference numerals designate corresponding parts throughout: Figure 1 is a sectional plan of one corner of the bed. Fig. 2 is a perspective of the brace part connected with the post and end rail, portions of the post and rail being broken away. Fig. 3 is a similar view of the brace part connected with the side rail, and Fig. 4 is a side elevation of the bed.

In the practice of my invention I provide for each corner of the bed frame brace parts, as 1 and 2 comprising plate sections having opposite angular snugs or flanges as 10 and 20 adapted to fit against adjacent portions of the post 3 to which snug 10 is secured by suitable fastenings as cap bolts 11, while plate is fastened to the inner face of the vertical portion of the side rail 4 by rivets, as 40. The bolts 11 pass through suitable apertures in snug 10 and have their end portions engaged in screw threaded seats in the wall of the post.

The brace section 1 as shown is forward with an inwardly projecting termination or lug 12 which extends beneath the horizontal portion of the end rail 5 and is secured to the vertical portion thereof by clamping bolts 13 passing through suitable apertures provided in said lug and the rail. The upper edge portion of the lug 12 is preferably cut away to bring the upper surface

of rail 5 flush with the upper edge of section 1, and the end surface of the vertical portion of the rail abutted against said section as clearly shown in Fig. 2.

The parts 1 and 2 have releasable connection through the medium of pin and slot fastenings comprising headed pins 14 in form of collar rivets seated one above the other on part 1, and inclined slots as 21 and 22 provided in part 2 for riding engagement of their forward edges with said pins to press snug 20 firmly against post 3 by downward movement of rail 5. Slot 21, as will be observed extends upwardly from the lower edge of part 1, while slot 22 terminates at the lower end in an enlarged opening in said part which receives the head of the upper pin 14 freely. A brace part 2 is secured to each end of each side rail, and a brace part 1 to each post of the bed frame, while the end rails are secured to the lugs 12 of opposite parts 1 as will be readily understood.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States of America, is:

1. A metallic bed comprising a tubular post, an angular end rail, a similar side rail, opposite plate sections having curved snugs fitting said post, the body of one of said sections being secured to the inner face of one flange of the side rail and provided with inclined slots one above the other, the other of said sections having an angular portion projecting beneath one flange of the end rail and secured to the other flange thereof, bolts seated in said post and engaging the snug of the last named of said brace sections, and pins seated on said last section to engage said slots.

2. In combination with a corner post, an angular end rail and an angular side rail each having horizontally disposed upper portions, a brace comprising two plate sections releasably connected, means securing one of said sections to said corner post, said last named section having its free end portion provided with an angular lug projecting

beneath the horizontal portion of said end rail, the other of said brace sections projecting beyond said angular lug and beneath the horizontal portion of said side rail, the upper edge portion of said lug lying below the corresponding edge portion of the adjacent companion brace section, whereby said end rail when seated thereon will be overlapped by the horizontal portion of said side rail,

and means securing said brace sections to their respective rails.

Signed at Seattle, Washington this 3rd day of June 1909.

JOSEPH DUKE.

Witnesses:

HERCHMER JOHNSTON,
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