N. KAPLAN.

BED SLAT.

APPLICATION FILED OCT. 31, 1919.

1,328,878. Patented Jan. 27, 1920.

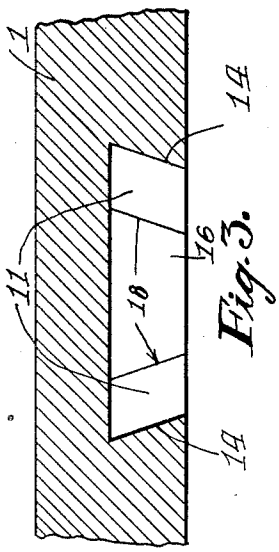


Fig. 3.

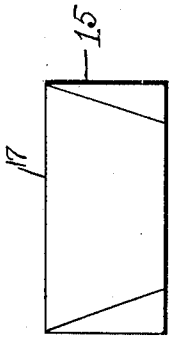


Fig. 4.

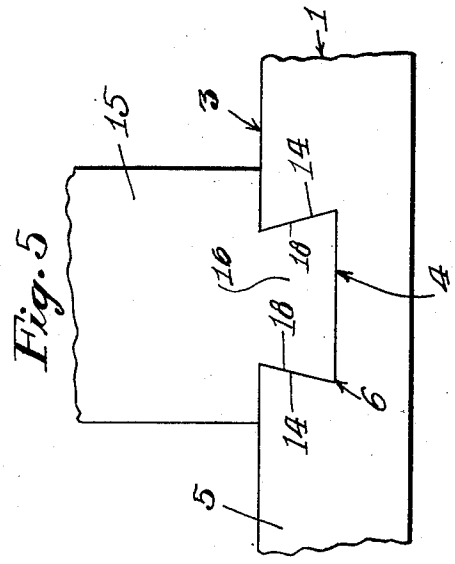


Fig. 5

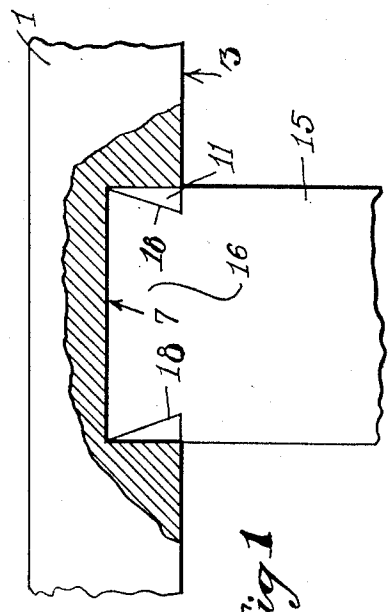


Fig. 1

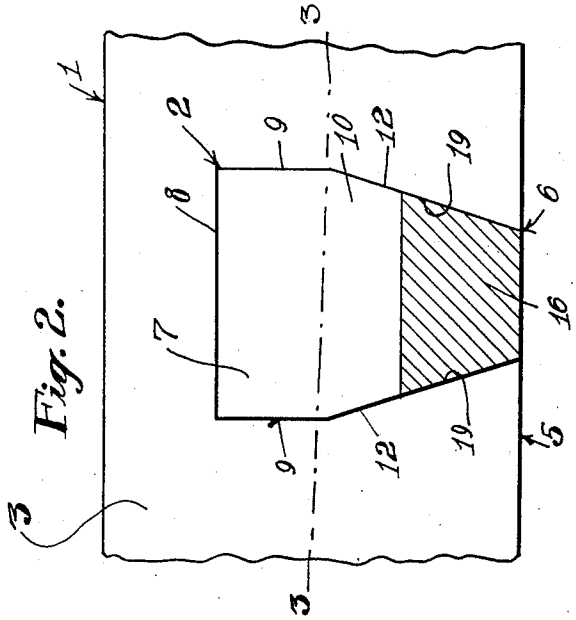


Fig. 2.

Witness

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UNITED STATES PATENT OFFICE.

NATHAN KAPLAN, OF COVINGTON, GEORGIA.

BED-SLAT.

1,328,878. Specification of Letters Patent. Patented Jan. 27, 1920.

Application filed October 31, 1919. Serial No. 334,640.

To all whom it may concern:

Be it known that I, NATHAN KAPLAN, a citizen of the United States, residing at Covington, in the county of Newton and State of Georgia, have invented a new and useful Bed-Slat, of which the following is a specification.

It is the object of this invention to provide a novel means for assembling the slat of a bedstead with the side rail of the bedstead.

The invention aims, further, to improve generally and to enhance the utility of devices of that type to which the invention appertains.

With the above and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that, within the scope of what is claimed, changes in the precise embodiment of the invention shown can be made without departing from the spirit of the invention.

In the accompanying drawings:—

Figure 1 shows in top plan, a device constructed in accordance with the invention, parts being broken away; Fig. 2 is an elevation showing the inner surface of the bed rail, the extension on the slat appearing in section; Fig. 3 is a section taken approximately on the line 3—3 of Fig. 2; Fig. 4 is an end elevation of the slat; and Fig. 5 is a bottom plan showing the rail and the slat assembled therewith.

The numeral 1 denotes a bed rail having a seat 2 in its inner surface 3, the seat extending part way through the rail horizontally, as shown at 4 in Fig. 5, and intersecting the lower edge 5, of the rail, to form an opening 6. The seat 2 includes an enlarged upper portion 7 defined by an end wall 8 and side walls 9 these walls being located at right angles to the inner surface 3 of the rail 1. The seat 2 includes, further, a reduced lower portion 10 defined by side walls 11 which converge downwardly as shown at 12, and diverge horizontally, as indicated at 14.

The numeral 15 marks a slat having an end extension 16 defined by edge walls 17 which diverge horizontally as shown at 18 and converge downwardly as depicted at 19.

The thickness of the extension 16 of the slat 15 is less than the width of the opening 6, whereby the extension 16 may be inserted edgewise into the opening, moved upwardly into the upper portion 7 of the seat 2, turned in the upper portion 7 of the seat 2, and lowered into engagement with the side walls 11 of the lower portion 10 of the seat 2.

It will be obvious that the device forming the subject matter of this application constitutes a simple but efficient means whereby the ends of a bed slat may be assembled with the bed rails. It will be clear that the more weight placed upon the slat 15, the more strongly will the extension 16 of the slat be wedged in engagement with the rail 1.

Having thus described the invention, what is claimed is:

A bed rail having a seat in its inner surface, the seat extending part way through the rail horizontally and intersecting the lower edge of the rail to form an opening, the seat including an enlarged upper portion, and a reduced lower portion defined by side walls which converge downwardly and diverge horizontally; and a slat having an end extension defined by edge walls which diverge horizontally and converge downwardly to coöperate with the side walls of the lower portion of the seat in the bed rail, the thickness of the extension being less than the width of the opening, whereby the extension may be inserted edgewise through the opening, turned in the upper portion of the seat, and lowered into engagement with the side walls of the lower portion of the seat.

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

NATHAN KAPLAN.

Witnesses:
C. C. KING,
C. O. NIXON.