

(No Model.)

H. S. HART.
BEDSTEAD RAIL PLATE.

No. 559,381.

Patented May 5, 1896.

Fig. 1.

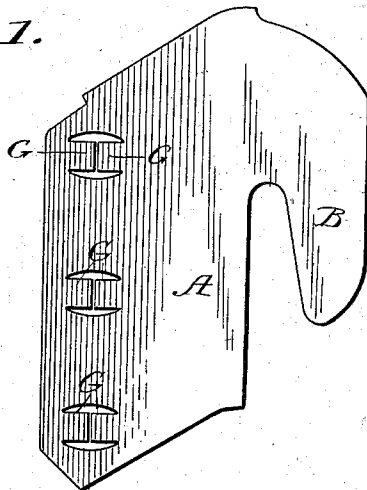


Fig. 2.

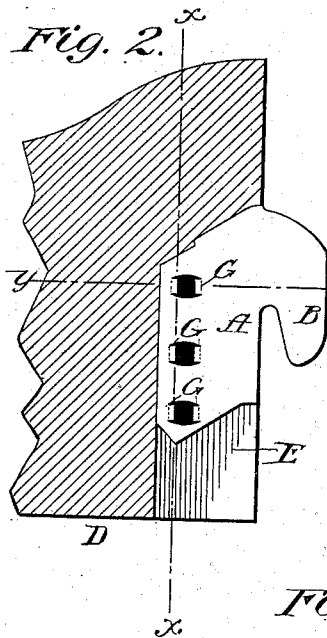


Fig. 3.

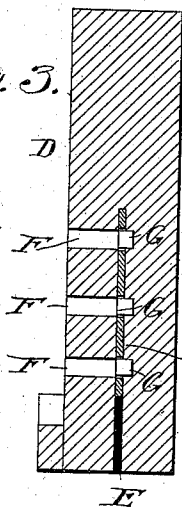


Fig. 4.

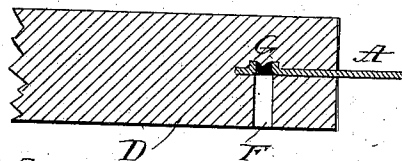


Fig. 5.

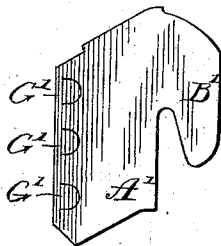
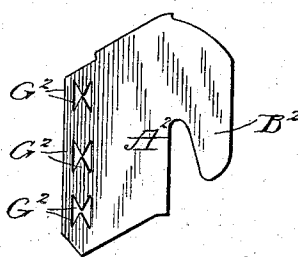


Fig. 6.



WITNESSES:

Frank S. Ober
Jos. S. Oswald.

INVENTOR

Howard S. Hart.

BY

R. C. McIntire

ATTORNEY

UNITED STATES PATENT OFFICE.

HOWARD S. HART, OF CHICAGO, ILLINOIS.

BEDSTEAD-RAIL PLATE.

SPECIFICATION forming part of Letters Patent No. 559,381, dated May 5, 1896.

Application filed December 21, 1895. Serial No. 572,904. (No model.)

To all whom it may concern:

Be it known that I, HOWARD S. HART, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Bed-Rail Plates, of which the following is a full, clear, and exact specification.

My invention relates to an improvement in bed-joints; and it consists in improving the construction of the bed-rail plate and the joint between said plate and the bed-rail.

The objects of my invention are to produce by my novel construction a bed-plate which can be joined to the bed-rail in a simple and very inexpensive manner, the method of joining doing away entirely with the use of the pins commonly used whereby said plates are ordinarily held in place, thereby accomplishing a great saving of metal and reducing the number of parts.

My invention is illustrated by the accompanying drawings, in which—

Figure 1 is a side elevation of a bed-plate containing my improved construction. Fig. 2 is a longitudinal vertical section of a bed-rail, showing a bed-plate in conjunction therewith. Fig. 3 is a cross-section of the parts shown in Fig. 2 on line *x x*. Fig. 4 is a cross-section of the parts shown in Fig. 2 on line *y y*, and Figs. 5 and 6 are side elevations of bed-plates containing modifications of my improved construction.

Similar letters refer to similar parts.

A is a bed-plate. B is the ordinary hooked projection on said bed-plate, adapted to engage with the slot and pin in the bed-post.

D is a bed-rail. E is a slot therein. F F are holes bored in the side of said bed-rail, intersecting said slot E and ordinarily used for the purpose of permitting pins to be inserted, which pins are adapted to pass through perforations in the bed-plates ordinarily used and retain the said bed-plates in place.

By my improved construction the necessity of using pins to hold the bed-plate in place

in the bed-rail slot E is obviated, as follows: G G are lugs formed in the plate A by punching perforations therethrough, as shown in Figs. 1, 5, and 6. These lugs G may be of any desirable form; but the preferable construction is shown in Fig. 1, in which two oppositely-disposed lugs are formed by each perforation, there being by preference not less than two perforations in each plate. These perforations should be formed in the plate at such points that when the plate is inserted into the slot the lugs G G will be opposite the holes F F.

In operation the plates are inserted into the slots E E in the bed-rails, and by any suitable tool the lugs G G are stamped or pressed laterally with relation to the plate A until said lugs assume substantially the positions shown in Figs. 3 and 4, where they appear as offset from said plate and engaging with the sides of the slot or the sides of the holes F F, making it impossible to withdraw the said plate.

The preferable form of the construction is shown in Fig. 1; but it is obvious that the modifications shown are legitimate modifications of the construction therein shown.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a bed-joint, the combination of a slotted and perforated bed-rail, with a hooked bed-plate perforated as described to form lugs or projections adapted to be turned laterally to engage said bed-rail and holding said bed-plate in engagement therewith, substantially as described.

2. A hooked bedstead-rail plate perforated as described, to form lugs or tongues adapted to be turned laterally, substantially as and for the purpose described.

HOWARD S. HART.

Witnesses:

LEILA HESSELRIGGE,
NORMAN P. COOLEY.