

(No Model.)

B. R. BARKLOW.
METALLIC BEDSTEAD.

No. 468,862.

Patented Feb. 16, 1892.

Fig. 1.

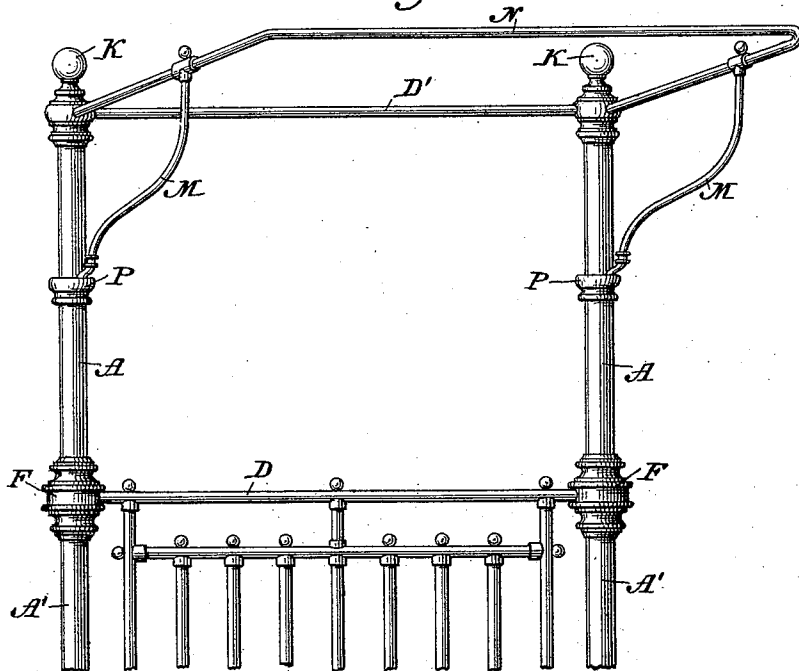


Fig. 2.

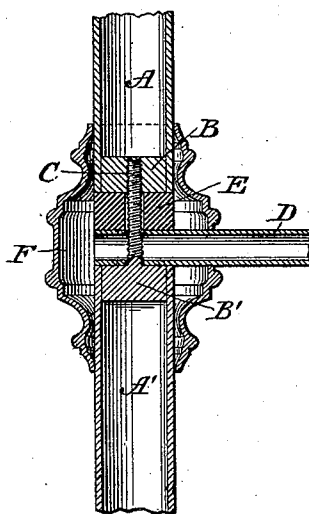


Fig. 4.

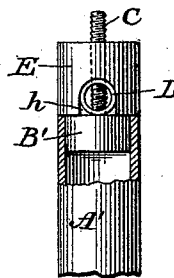
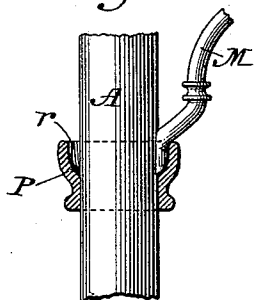


Fig. 3.



Attest:

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UNITED STATES PATENT OFFICE.

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METALLIC BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 468,862, dated February 16, 1892.

Application filed October 31, 1890. Serial No. 369,908. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN R. BARKLOW, of the city, county, and State of New York, have invented certain new and useful Improvements in Metallic Bedstead-Frames; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to an improvement in the construction of "half-tester" metallic bedsteads, and has for its object to simplify the construction of the head-frame and the connection of the cross-bar and canopy-frame therewith.

It consists in the novel means, as hereinafter described and claimed, of forming the joints between the head-posts and the cross-bar and canopy-frame and of supporting the braces for the latter.

In the accompanying drawings, Figure 1 is a view in perspective of the head-frame of a half-tester metallic bedstead embodying my invention; Fig. 2, a detached longitudinal diametric section, on an enlarged scale, of a portion of one of the head-posts, illustrating the connection therewith of the cross-bar; Fig. 3, a detached view, on a similar scale and partly in section, of a portion of one of the head-posts, illustrating the support for the canopy-brace. Fig. 4 is a detached elevation of the upper end of the lower section of one of the head-posts, partly broken out to show the inclosed end block and showing the connecting-block for the upper section and the end of the cross-bar to be secured in place thereby.

In my improved construction of a metallic bedstead the head-posts are each constructed of two independent lengths A A', of metallic tubing, reinforced at each end by solid blocks B B', fitted and made fast therein to become practically integral therewith. The block B' in the upper end of each length of tubing is provided with a threaded pin or screw C, projecting outwardly from the center thereof, as shown in Figs. 2 and 4, to extend through a counterpart central aperture, either in the block B on the lower end of the length of tubing to be connected with the first to form the bed-post or similarly in a terminal knob K for the post.

The cross-bar D, by which the two head-posts are connected to form the head-frame of the bedstead, is perforated at each end to receive the screw C, so that the end of the cross-bar may be laid upon the end of the lower section A' of the post and transfixed by the screw. The connection of the cross-bar D with the post is completed and the entire joint made firm and rigid by the interposition of a saddle-block E between the ends of the sections A A' of the post, said saddle-block being axially perforated to receive the central screw C, and transversely recessed upon its lower end with a diametric groove h, Fig. 4, whereby it is adapted to embrace closely the end of the cross-bar fitted upon and secured by the screw C, as shown in Figs. 2 and 4. An outer ornamental shell or "husk" F, of thin metal, is fitted to cover and conceal the joint, the ends of the shell being made to embrace the post closely on each side of the joint. In making up the joint the end of the cross-bar D is first passed through a lateral perforation in the middle of the shell or husk F. The lower section A' of the post is then passed up into the lower opening of the husk, and the screw C is carried through the aperture in the end of the cross-bar D until the cross-bar rests upon the end of said section A'. The loose saddle-block E is next dropped through the top opening of the husk, with its transverse recess in position to fit over and embrace the end of the cross-bar D and with the central screw C extending up through its axial aperture. The lower end of the upper section A of the post is then entered into the husk and its block B is screwed down as a nut upon the projecting end of the screw C until the parts are all drawn closely and firmly together, making a strong and secure joint. Where desirable the upper cross-bar D' may in like manner be secured upon the top end of each post, said top end being provided with a block having a central screw to receive a diametrically-grooved saddle-block which will bind upon the transverse end of the cross-bar, in manner as shown in Figs. 2 and 4, the joint being made tight and completed by screwing down an ornamental knob K upon the outer projecting end of the screw C in lieu of the end block B shown in said figures.

Provision is made for the ready adjustment

and attachment of the supporting-brace M for the canopy-frame N on the head-posts of the bedstead by fitting upon the upper section of each post, before the joints thereon are made, 5 an annular cup P. The lower end of the cup is made to embrace and bind the post closely, and its upper end is enlarged in diameter or made to flare outwardly, as shown in Fig. 3, 10 so as to form an encircling recess *r* about the post adapted to receive the lower end of the brace-bar M, which is fashioned to fit neatly therein.

Since the recess *r* encircles the post, it is adapted to receive the foot of the brace M at 15 any point, and the necessity of nicely adjusting and fitting for the purpose a special socket upon the post, as is customarily done, is thus avoided, with a marked saving of time and expense.

20 I claim as my invention—

1. The combination, in a metallic bedstead, with the tubular sections united end to end by a central screw to form a post and a cross-

bar having its end transfixed by the screw between said sections, of a centrally-perforated 25 reinforcing and supporting block interposed between the sections upon their connecting-screw and diametrically grooved or recessed to span the end of the cross-bar, all substantially in the manner and for the purpose herein 30 set forth.

2. The combination, in a metallic bedstead, with its head-post, its canopy-frame, and the brace-rod for said frame, of an annular cup fitted upon the post and forming an encircling 35 endless socket for the foot of the brace-rod, substantially in the manner and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of 40 two subscribing witnesses.

BENJAMIN R. BARKLOW.

Witnesses:

A. N. JESBERA,
E. M. WATSON.