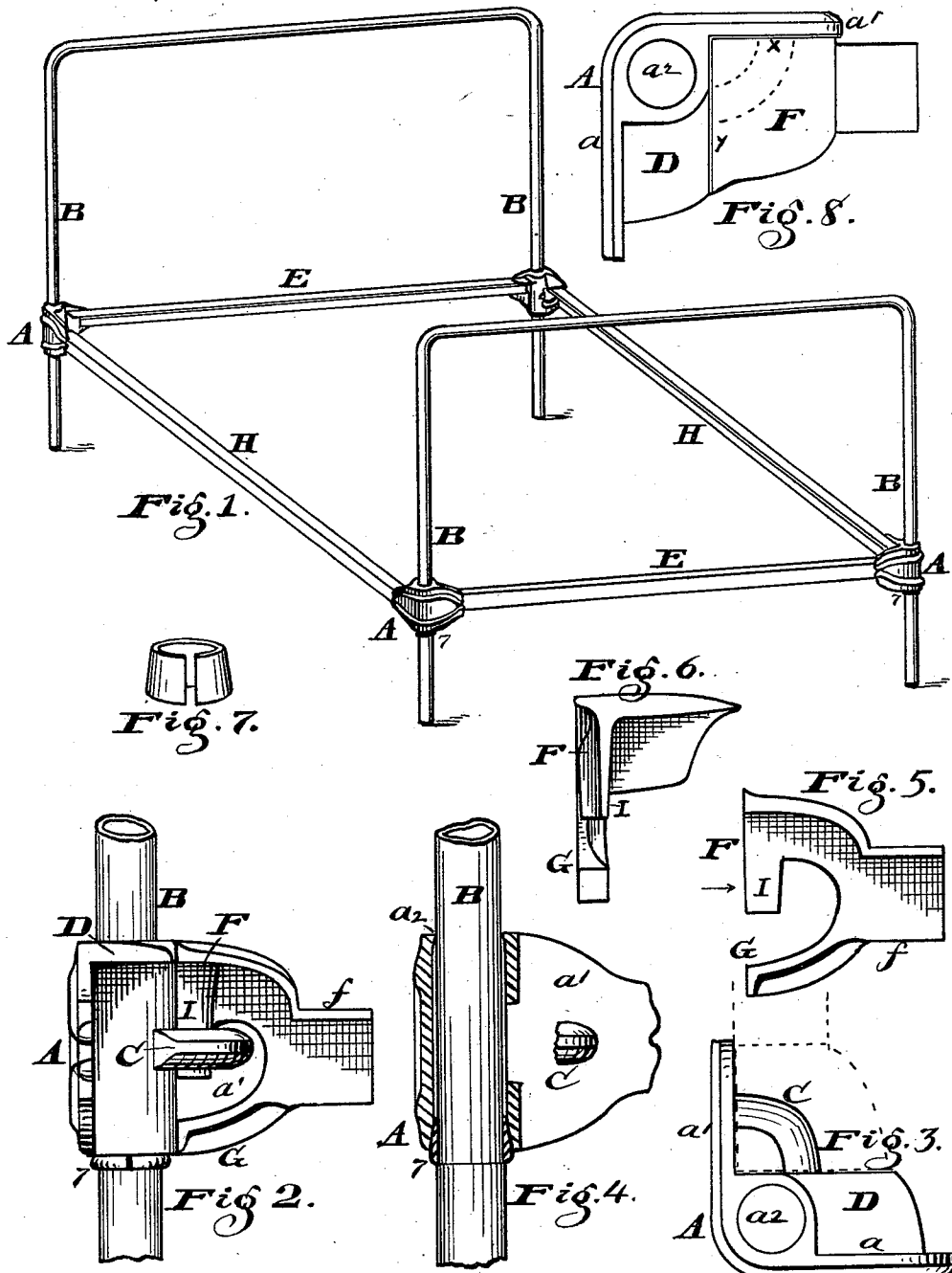


(No Model.)

W. W. SLY.
METAL BEDSTEAD.

No. 539,597.

Patented May 21, 1895.



Witnesses.

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UNITED STATES PATENT OFFICE.

WILLIAM W. SLY, OF CLEVELAND, OHIO.

METAL BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 539,597, dated May 21, 1895.

Application filed June 14, 1894. Serial No. 514,619. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. SLY, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Metal Bedsteads, of which the following is a specification.

This invention relates to metal bedsteads and consists in the new constructions and combinations comprising the corner posts and rail joints, substantially as hereinafter described and pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of the bedstead embodying my improvements. Fig. 2 is an inside view of the corner-joint, showing the method of constructing the parts for attaching the removable side rails. Fig. 3 is a top view of the corner-piece. Fig. 4 is a sectional view of the corner-piece, showing the method of attaching the posts thereto. Fig. 5 is a detached view of the corner hook-pieces, which are attached to the ends of the side rails for engaging with and holding the side rails to the corner-pieces. Fig. 6 is an end view of the same, looking in the direction of the arrow at Fig. 5. Fig. 7 is a detached view of a split wedging used for the posts in the corner-pieces, as seen at 7 7, Figs. 2 and 4. Fig. 8 is a top or plan view of the corner-piece and hook together, showing position of the hook-plate relative to the corner-piece.

A in the several views represents a corner cast metal piece having two side plates a, a' , at right angles to each other, and having in the angle a vertical hole a^2 .

B represents a post, which may be made of gas-pipe, inserted through the hole a^2 , and is firmly secured therein by means of a tubular split wedge, 7, which rests on a slight shoulder formed on the pipe to prevent its sliding down. The wedge binds the corner piece onto the post by the weight of corner piece, the side rails and the bedding supported thereon.

C is a loop cast in the corner piece at one side of the post socket and connected with side plate a' , provided to receive the hooks of the side rails.

D is a wide flange at the upper inside of the side plate a , forming a horizontal corner plate in which the ends of the end rails E are fastened, by rivets or other suitable means, and also forming a corner for the hook plate.

F is an angular hook plate having a neck or reduced part f for attaching it to the ends of angle iron side rails H.

To the under side of the hook plate F is cast an under curved brace G, which bears against the side of the post tube below the loop.

The hook I on the hook plate F is made slightly tapering and rounded on its bearing side, so that when inserted in the loop C the draft is exerted cornerwise, thus firmly holding the edges x, y , of the plate F against the flange D and side of the plate a , and effectually preventing any wiggling or side movements of the corner joint.

Having described my invention, I claim—

In metal bedsteads the combination with the side and end rails of the corner piece A, provided with two side plates a, a' , at right angles to each other and having in the angle the vertical hole a^2 , a post B, inserted in said hole, a tubular, split wedge 7, for securing said post to its place, a loop C, integral with the corner piece and adapted to receive the hooks of the side rails, a flange D, formed on the side plate a , to which the end rails are secured, and an angular hook plate F, attached to the ends of the side rails and provided with a curved brace G, adapted to bear against the side of the post B, below the loop C, substantially as described.

WILLIAM W. SLY.

Witnesses:

GEO. W. TIBBITTS,
CHARLES C. DAVIDSON.