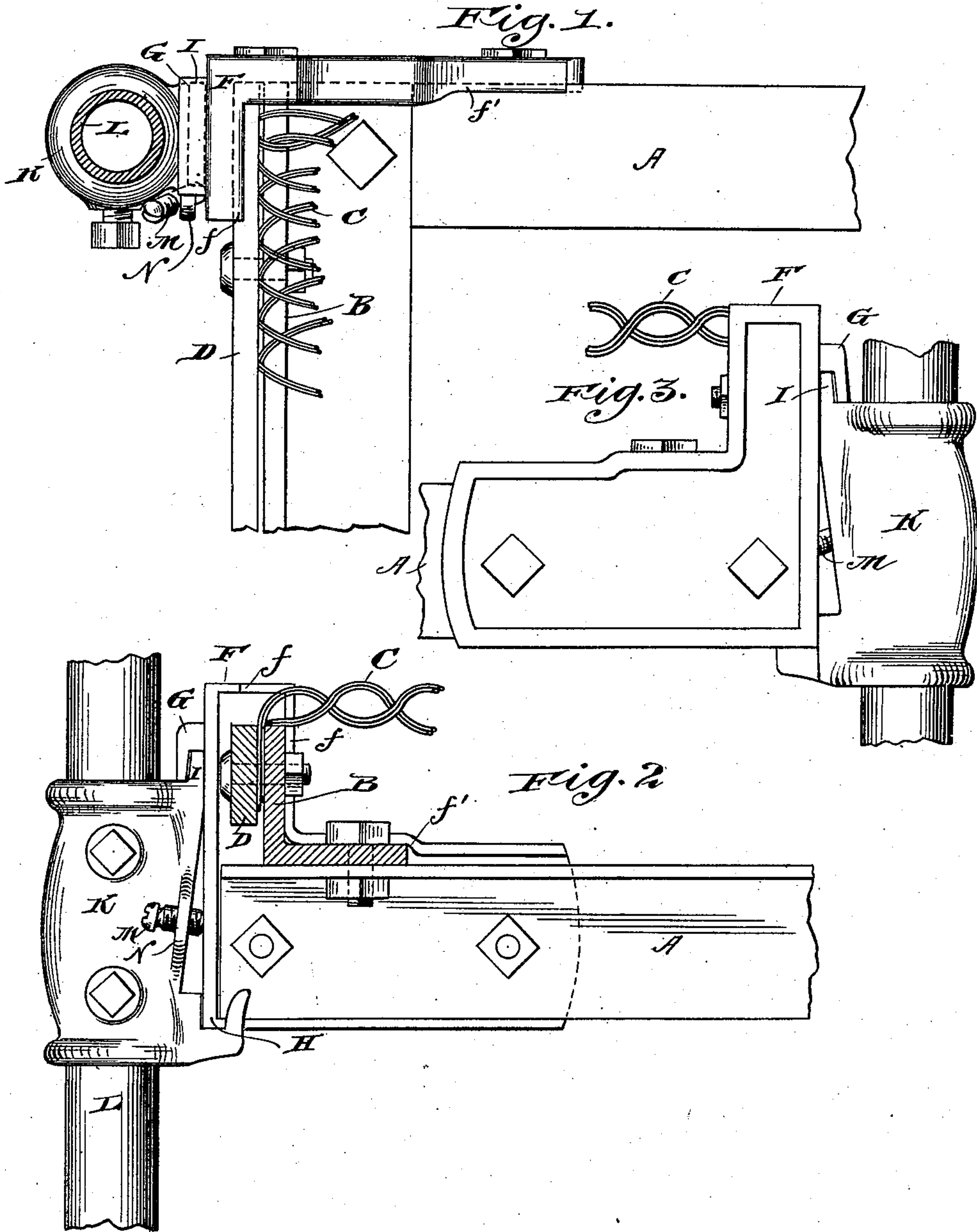


(No Model.)

J. MONTGOMERY.  
KNOCKDOWN BEDSTEAD.

No. 574,489.

Patented Jan. 5, 1897.



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# UNITED STATES PATENT OFFICE.

JAMES MONTGOMERY, OF CHICAGO, ILLINOIS.

## KNOCKDOWN BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 574,489, dated January 5, 1897.

Application filed November 19, 1894. Serial No. 529,262. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES MONTGOMERY, of Chicago, Illinois, have invented certain new and useful Improvements in Knockdown Bedsteads, of which the following is a specification.

This invention relates to certain improvements in the construction of the metallic corner-pieces or connections of knockdown bedsteads. In beds of this class the side rails are made detachable from the posts, and for this purpose the posts or legs of the end sections of the bed are provided with a metallic connecting-piece having double hooks which project upwardly, while the side rails or corners of the bed-frame are provided with corner-pieces having downwardly-projecting hooks adapted to interlock with the hooks of the connecting-piece on the posts or end sections of the bed. The side rails are connected to each other by transverse end pieces, which are usually metal angle-bars, and a woven-wire mattress has its end margins clamped to the upright or vertical flange of the angle-bar by a second metal bar.

It is the purpose of this invention to construct the metal corner-pieces for the bed-frame in such manner that the ends of these angle-bars and of the clamping-bars shall be covered up or concealed, thereby not only making the bed neater in finish and appearance, but also resulting in economy of construction, because when thus concealed or covered these angle-bars and clamping-bars may be cut in suitable lengths and used without having their ends dressed or finished.

In the accompanying drawings, Figure 1 is a broken plan view of one corner of the bed-frame shown in proper relation to the supporting-piece of the leg or post, the latter being shown in cross-section; and Fig. 2 is a broken elevation of one end of the side rail, showing the angle-bar and clamping-bar in section and the frame corner-piece, support, and leg in elevation. Fig. 3 is a side elevation of the parts shown in Fig. 1.

In the drawings, A represents a side rail of a bed-frame; B, an angle-bar having one member thereof bolted flatwise to the top of the side rail; C, a broken section of the wire mattress, and D a clamping-bar therefor.

F is a metallic corner-piece which will be

secured to the side rail A, and is provided with an overhanging flange *f*, which extends along the edges of said corner-piece, so as to overhang, cover, and conceal the ends of the angle-bar B and clamping-bar D. This flange, as shown, is offset, as at *f'*, a point coincident with the inner edge of the horizontal flange of the angle-bar D, but said flange is preferably continued beyond the edge of said bar to the casting, as clearly shown in the drawings. The corner-piece is further provided with hooks G and H, which engage reversely-corresponding hooks I and J on the supporting-sleeve K, the latter being adjustably secured to the leg or post L of the end section of the bed.

It will be seen that in addition to concealing the rough ends of the angle-bar and clamping-bar, as above described, the vertical portion of the flange *f* and the offset portion *f'* may be made to furnish a bearing or abutment for the angle-bar, which will serve to strengthen them against the pull of the fabric.

Another feature of improvement relates to means for locking the bed-frame to the end sections. These beds are frequently used in asylums, reformatories, and other institutions where the patients, either wickedly or insanely, seek to destroy the furniture of the apartments. In order to afford means for locking the separable portions of the bed together, I employ a set-screw M, which is turned through a threaded aperture in a lug N, the point of the set-screw impinging upon the corner-piece F. The set-screw is preferably inclined, as clearly shown in the drawings, thereby making its bite or grip the more effective.

I claim—

In a knockdown bedstead, the combination with the end section having a support thereon provided with hooks and with a set-screw, of a bed-frame having a corner-piece provided with reversely-corresponding hooks and against which corner-piece the set-screw is adapted to impinge whereby to secure the two parts rigidly together when in their normal position, substantially as described.

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