No. 850,121. PATENTED APR. 9, 1907.

J. H. DYETT.

COUCH BEDSTEAD.

APPLICATION FILED DEC. 9, 1906.

2 SHEETS—SHEET 1.

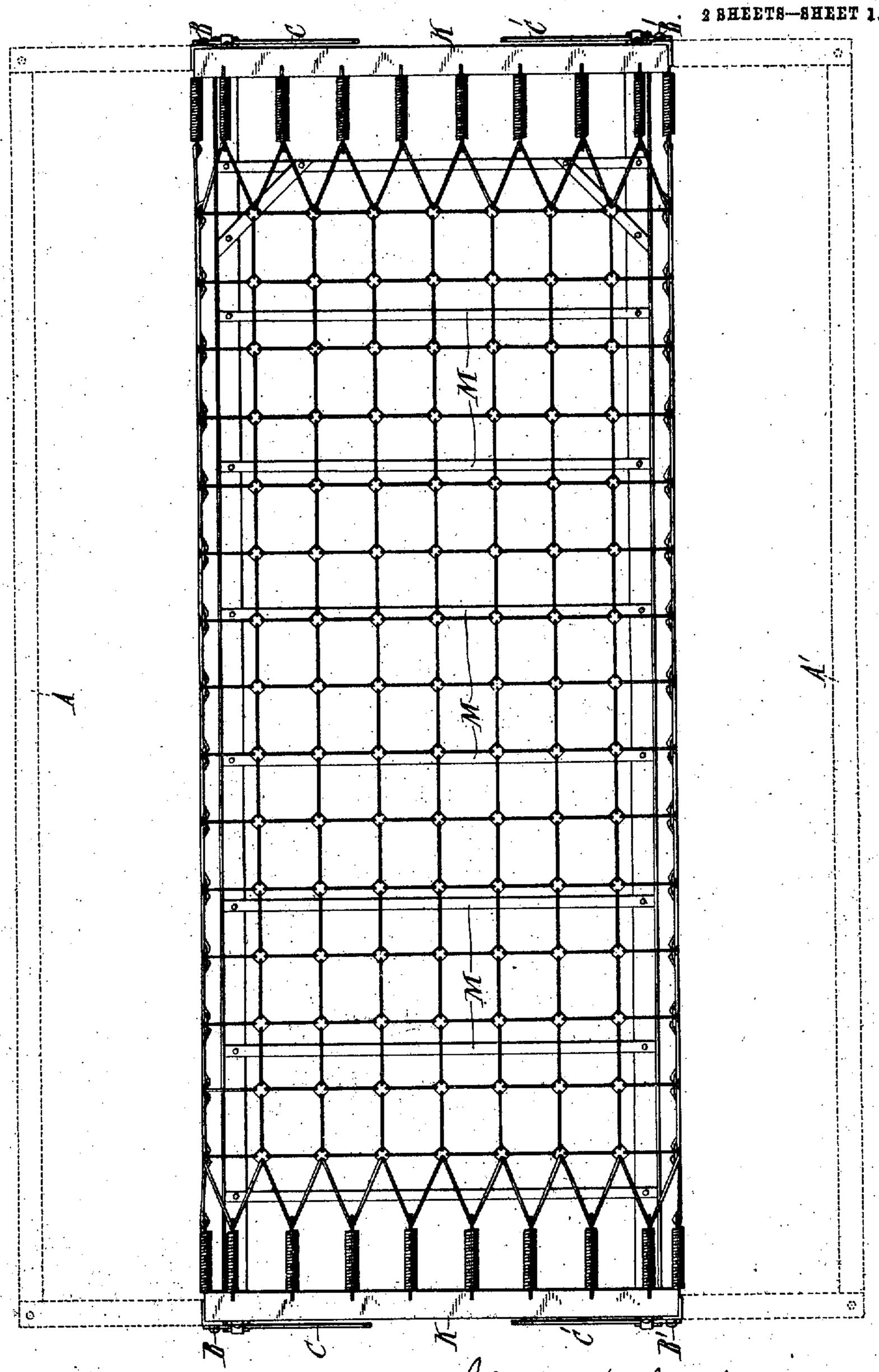


Fig. 1.

Witnesses:
Elmore W. Lytle.
Mary E. Sullivan.

James H Dyett Inventor
by Nelson M Redfield
Attorney

No. 850,121. PATENTED APR. 9, 1907.

J. H. DYETT.

COUCH BEDSTEAD.

APPLICATION FILED DEC. 8, 1905.

2 SHEETS—SHEET 2.

Fig. 2.

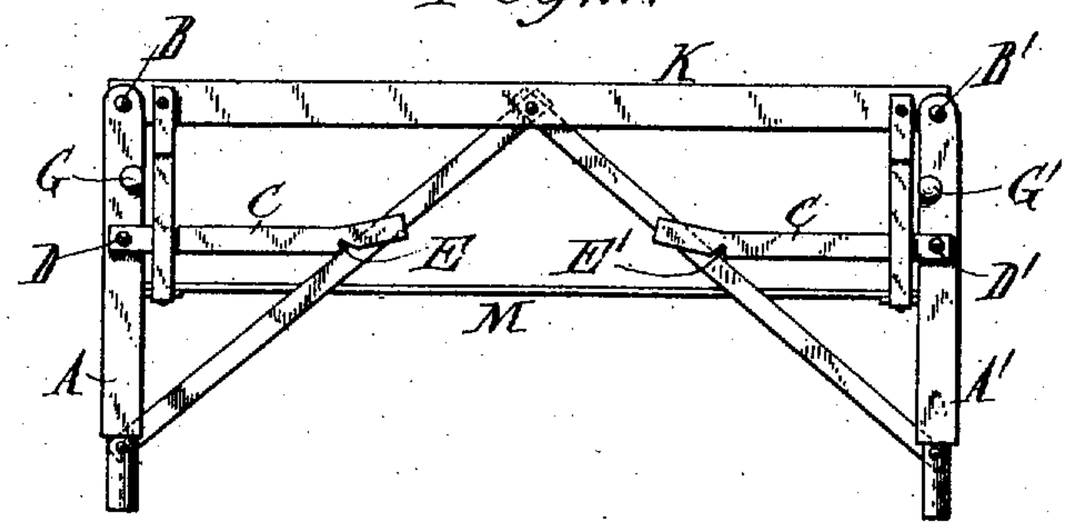


Fig. 3.

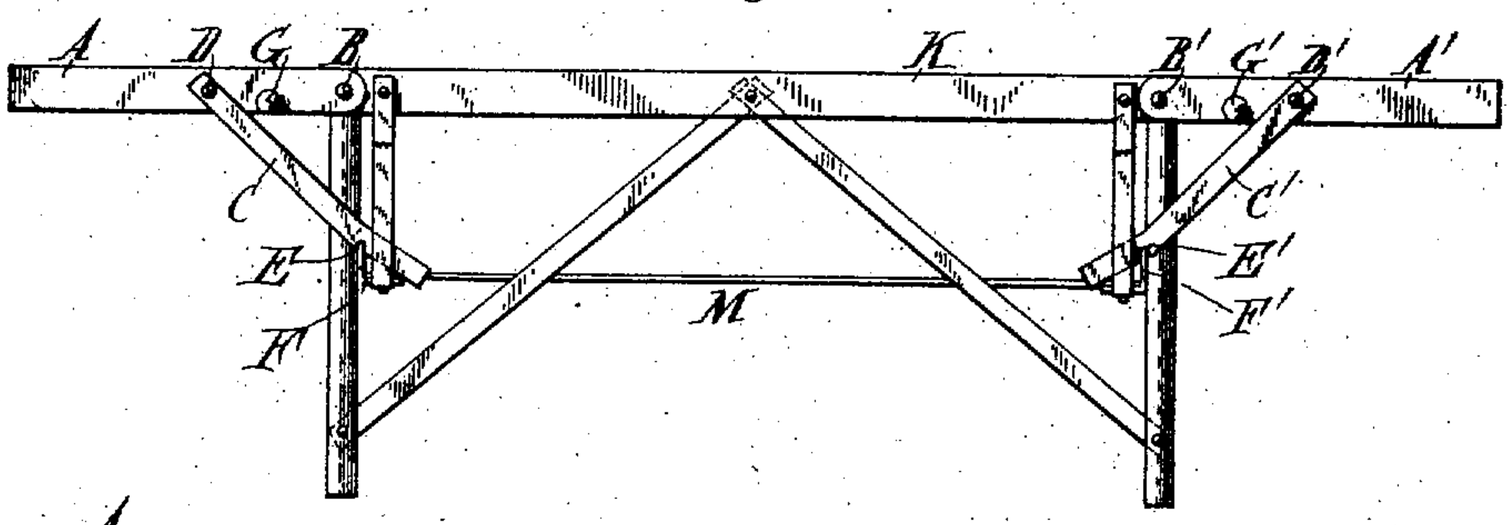


Fig. 4.

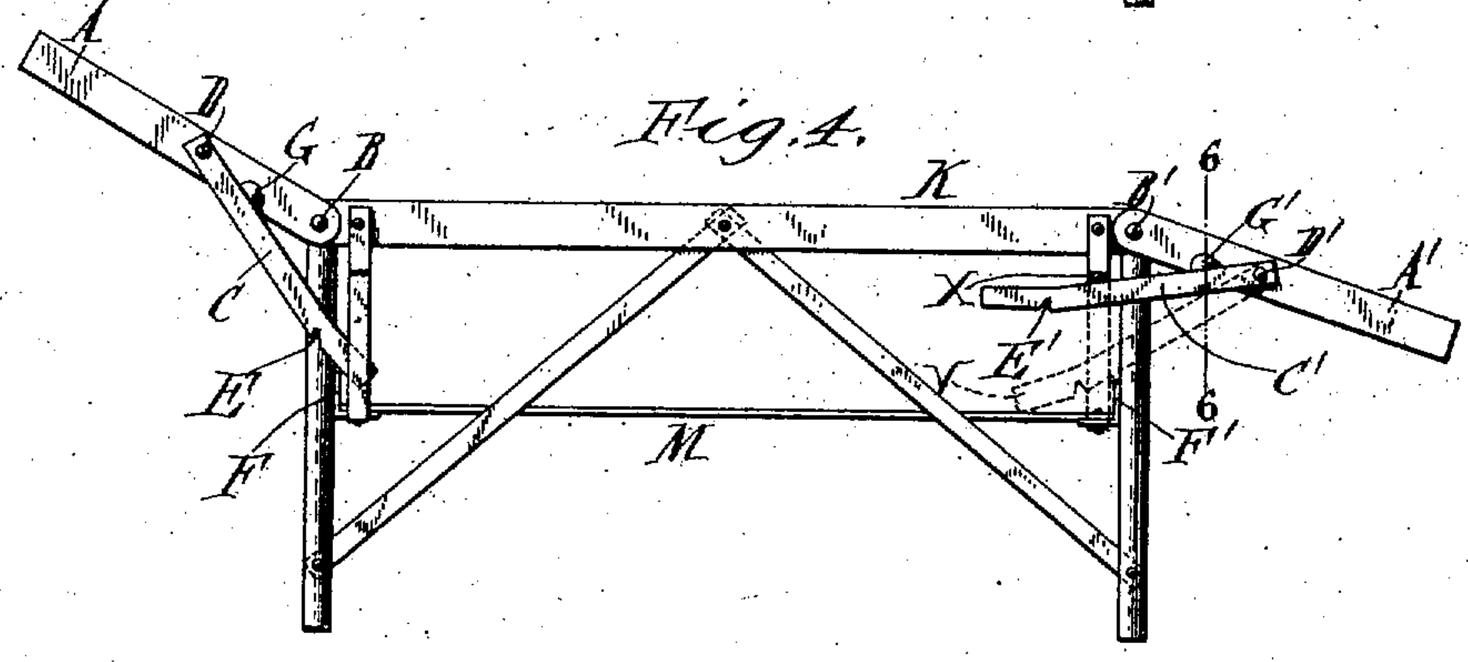


Fig. 5.

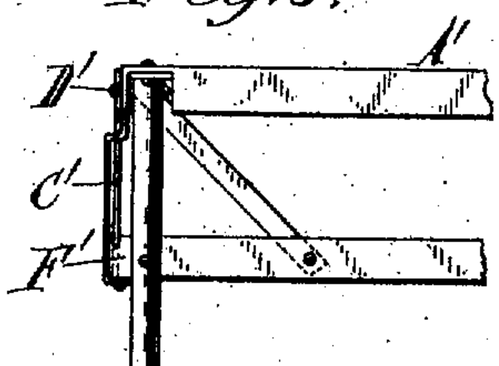
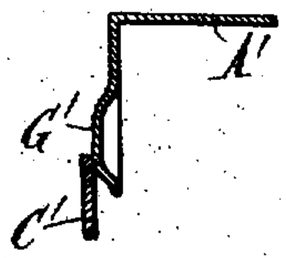


Fig. 6.



Witnesses.
Elmon W. Lytle.
Mary E. Sullivan.

James H Dyett Inventor
by Nelson M Redfield
Attorney

UNITED STATES PATENT OFFICE.

JAMES H. DYETT, OF BUFFALO, NEW YORK, ASSIGNOR TO THE HARD MANUFACTURING COMPANY, A CORPORATION OF NEW YORK.

COUCH-BEDSTEAD.

No. 850,121. Specification of Letters Patent. Patented April 9, 1907.

Application filed December 9, 1905. Serial No. 291,052.

To all whom it may concern:

Be it known that I, JAMES H. DYETT, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented a new and useful Couch-Bedstead, of which the following is a specification.

My invention relates to improvements in couch-bedsteads having extension parts which when opened out give a mattress-supporting surface of the width of an ordinary bed, but which can be dropped down, so that the couch-bedstead will be of the width of an ordinary couch, thus economizing space and serving the double purpose of a couch or of a bed, as required.

The objects of my invention relate to a means of supporting the extension parts when in use and of affording a means of easily and expeditiously dropping them when desired. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a top or plan view of a couch-bedstead embodying my invention. Fig. 2 is an end view of the couch-bedstead with the extension parts dropped. Fig. 3 is an end view of the same with the extension parts fully extended and held in position. Fig. 4 is an end view of the same, showing the method of operating the supporting mechanism of the extension parts. Fig. 5 is a side view of a portion of one end of my couch-bedstead. Fig. 6 is a cross-section along the line 6 6 shown in Fig. 4.

Similar letters refer to similar parts throughout the several views.

The extension parts A A′ are hinged to the main body K of the couch-bedstead at B B′. When the extension parts are raised to a horizontal position, they are held in place by the supporting members C and C′, which are pivoted to A A′ at D D′. The supporting members C C′ are provided with notches E E′, engaging the stops F F′.

G G′ are deflecting projections upon the ends of the extension sides.

M M′ are a series of cross-pieces which serve as a storage-place for bedding.

The method of operation of my invention is as follows: To open out the extension parts A A′ from the position shown in Fig. 2 to that shown in Fig. 3, the extension parts are raised so as to swing about B B′ until the notches E E′ in the supporting members C C′ engage the stops F F′. The couch-bedstead is then ready for use as a full-width bed. To drop the extension parts, they are raised above the horizontal until the supporting members C C′ engage the deflecting projections G G′. The supporting members C C′ are thereby sprung outward at their free ends, as shown in Fig. 4. The extension parts A A′ are then allowed to drop to the position shown in Fig. 2. While the extension parts A A′ are being dropped, the supporting members C C′ continue to be sprung outward and over the deflecting projections G G′ until they are released by striking the bottom of the main body of the couch-bedstead K or a suitable projection thereon, as shown at X in Fig. 4. The supporting members C C′ then drop to the position shown by the dotted line V in Fig. 4. While the supporting members C C′ are sprung outward and before being released, as above stated, the notches E E′ pass by the outer ends of the stops F F′ and are not engaged by them.

My improved couch-bedstead is preferably made of iron or other metal. An economical and effective way of providing the deflecting projection G is by stamping the projection in the metal of A A′, as shown in Fig. 6, but my aof course be provided in any other way.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a couch-bedstead, the combination of a main body with extension parts, the notched supporting members pivotally attached to the extension parts, the stops, and the deflecting projections attached to the extension parts, substantially as set forth.

2. In a couch-bedstead, the combination of an extension part with a supporting member pivotally attached thereto, a stopping device, and a deflecting projection attached to the extension part, substantially as set forth.

3. A couch-bedstead embodying the main body K, extension parts A A′, supporting members C C′ pivotally attached to the extension parts and provided with notches E E′

engaging suitable stops F F′, the deflecting projections G′ G′ attached to the extension parts A A′ and engaging the supporting members when the extension parts are raised above the horizontal, substantially as set forth.

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

JAMES H. DYETT.

Witnesses:
J. K. CANFIELD,
ALMON W. LYTLE.