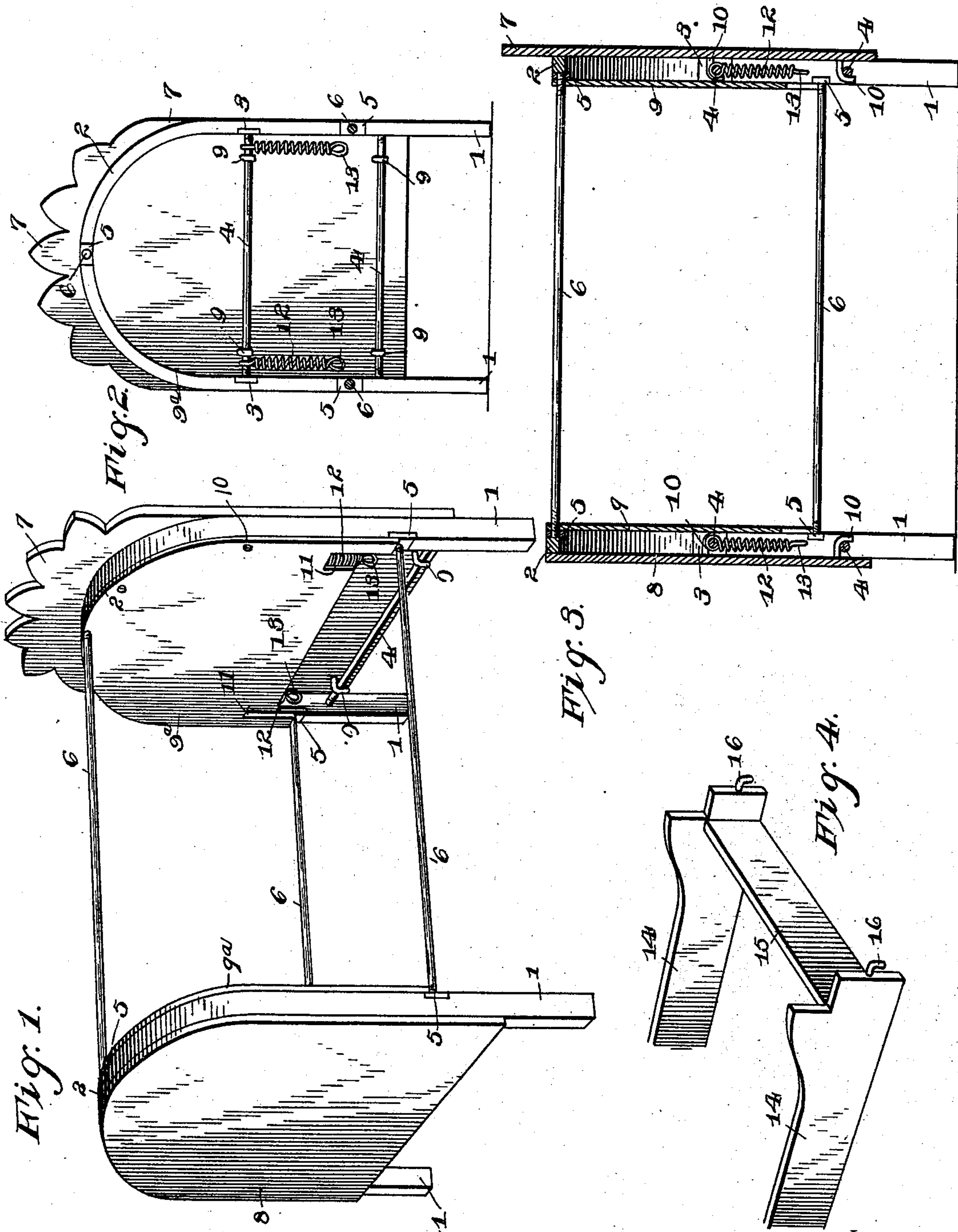


(No Model.)

A. A. CAMERON.
BEDSTEAD.

No. 506,468.

Patented Oct. 10, 1893.



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

ALEXANDER A. CAMERON, OF COBBVILLE, GEORGIA.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 506,468, dated October 10, 1893.

Application filed June 8, 1893. Serial No. 476,910. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER A. CAMERON, a citizen of the United States, residing at Cobbville, in the county of Telfair and State of Georgia, have invented a new and useful Bedstead, of which the following is a specification.

My invention relates to improvements in bedsteads, the objects in view being to provide a bedstead that is strong, durable and rigid; that may be readily set up or taken to pieces and compactly arranged for shipment, storage, &c., and which will be bug-proof, providing no crevices in which the vermin may hide; and, furthermore, to provide for a suspension of the bed-bottom within the frame whereby ease and comfort result.

With these and other objects in view the invention consists in certain features of construction hereinafter specified and particularly pointed out in the claims.

Referring to the drawings—Figure 1 is a perspective view of a bedstead embodying my invention. Fig. 2 is a transverse sectional view of the same, the inner head-board being removed. Fig. 3 is a vertical longitudinal sectional view. Fig. 4 is a detail of one end of the bed-bottom to be employed therewith.

Like numerals indicate like parts in all the figures of the drawings.

In practicing my invention I produce opposite head and foot frames, the same being of inverted U-shape and therefore comprising the opposite terminals or posts 1 and the upper bowed or connecting portions 2. The terminals 1 are provided immediately below the bowed portions and adjacent to their lower ends with transverse perforations, and into the inner sides of the posts or terminals 1 are let metal plates 3 which are provided with screw-threads. These plates, as will be observed, are arranged in pairs, and one plate of each pair is provided with a left hand thread, and the remaining plate of the pair with a right hand thread. The plates are perforated adjacent to their corners and screws are passed through the perforations into the head and foot-frames. The terminals or posts are connected by means of transverse tie-rods 4, the said rods having their ends reversely threaded so as to take

into the threads of the plates 3. The inner central portion of the bowed or arched portions 2 of the frames and the terminals 1 between the plates 3 have let therein similar plates 5, the same being perforated to receive screws, and each pair having reversely threaded openings. These plates are connected by the longitudinal tie-bars 6, as shown.

Thus far it will be seen that I have provided an extremely rigid bed-frame or stead, and one in which the parts may be readily assembled or separated for the purpose of compact arrangement, as when transporting or storing the same.

To the head and foot frames at their outer sides are applied outer head and foot boards 7 and 8, respectively, and which are provided with L-shaped swiveled arms 9 that are arranged in line with the transverse tie-bars 4 and may be swung down so as to engage the same, whereby the head and foot boards are secured in position. By turning the arms up a disconnection between the parts held thereby may be effected. Of course, other means may be provided for securing these head and foot boards to their respective frames, though these detachable means I have found convenient and expedient.

The inner sides of the head and foot frames may have applied supplemental or inner head and foot-boards 9^a, the same being held in position in the present instance by screws 10 passing therethrough into the head frame. The bottom edge of the board 9 near its opposite sides is provided with slots 11, and the board at its edges is notched to provide for the introduction of the longitudinal tie-bars or rods 6.

Suspended from the upper tie-bar or rod 4 of the head frame and foot frame are pairs of coiled suspension-springs 12, the same having their upper ends bent over the said tie-rods and their lower ends provided with rings 13.

The bed-bottom employed in connection with the bedstead described may be of any construction desired so far as its spring portion is concerned, but in order to adapt it especially for this particular construction of bedstead the longitudinal side bars 14 extend beyond the transverse bars 15 and take into the slots 11 of the inner head and foot boards 9. They are, furthermore, provided with

hooks 16, and said hooks are detachably engaged by the rings at the lower ends of the suspension springs so that, as will be obvious, the bed-bottom is suspended yieldingly within the bed-stead and does not contact with the same to any material extent. This completes the construction of the bed-stead and it will be seen that I avoid any crevices or other portions that are calculated to afford accommodations for vermin or in any wise attract the same, and, furthermore, that even if vermin did enter the bed the same may be readily separated and the parts thoroughly cleaned and replaced, thus ridding the article of the presence of the vermin in a short time.

It will be seen that the bed-stead described is both rigid, light and durable; that the parts may be readily separated and re-set up without the use of tools and with but little effort or labor; and, finally, that thereby the said parts may be compactly arranged for the purpose of shipping the bed-stead or storing it when not in use.

Having described my invention, what I claim is—

1. In a bed-stead, the combination with the opposite head and foot frames and the intermediate connecting tie-rods, between the terminals of the frames of the head and foot boards, the L-shaped arms swiveled therein and removably engaging the tie-rods, and op-

posite side connections between the frames substantially as specified.

2. In a bedstead, the combination with the opposite U-shaped frames, the detachable and longitudinally disposed tie-rods connecting the frames, of the inner and outer removable head and foot-boards located upon the opposite sides of each frame, the bed bottom, and means located between each pair of inner and outer head and foot-boards for supporting the same in the bedstead, substantially as specified.

3. In a bed-stead, the combination with the opposite inverted U-shaped frames, the transverse connecting bars or rods, the opposite inner and outer head and foot boards applied to each of the frames, the inner head board provided with slots, the bed-bottom frame having its side bars extending beyond its end bars, of the transverse tie-rods, the suspension springs depending therefrom and terminating in rings, and hooks on the ends of the side bars engaged in the rings, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ALEXANDER A. CAMERON.

Witnesses:

J. A. McLEAN,
WM. McLEAN.