

No. 702,839.

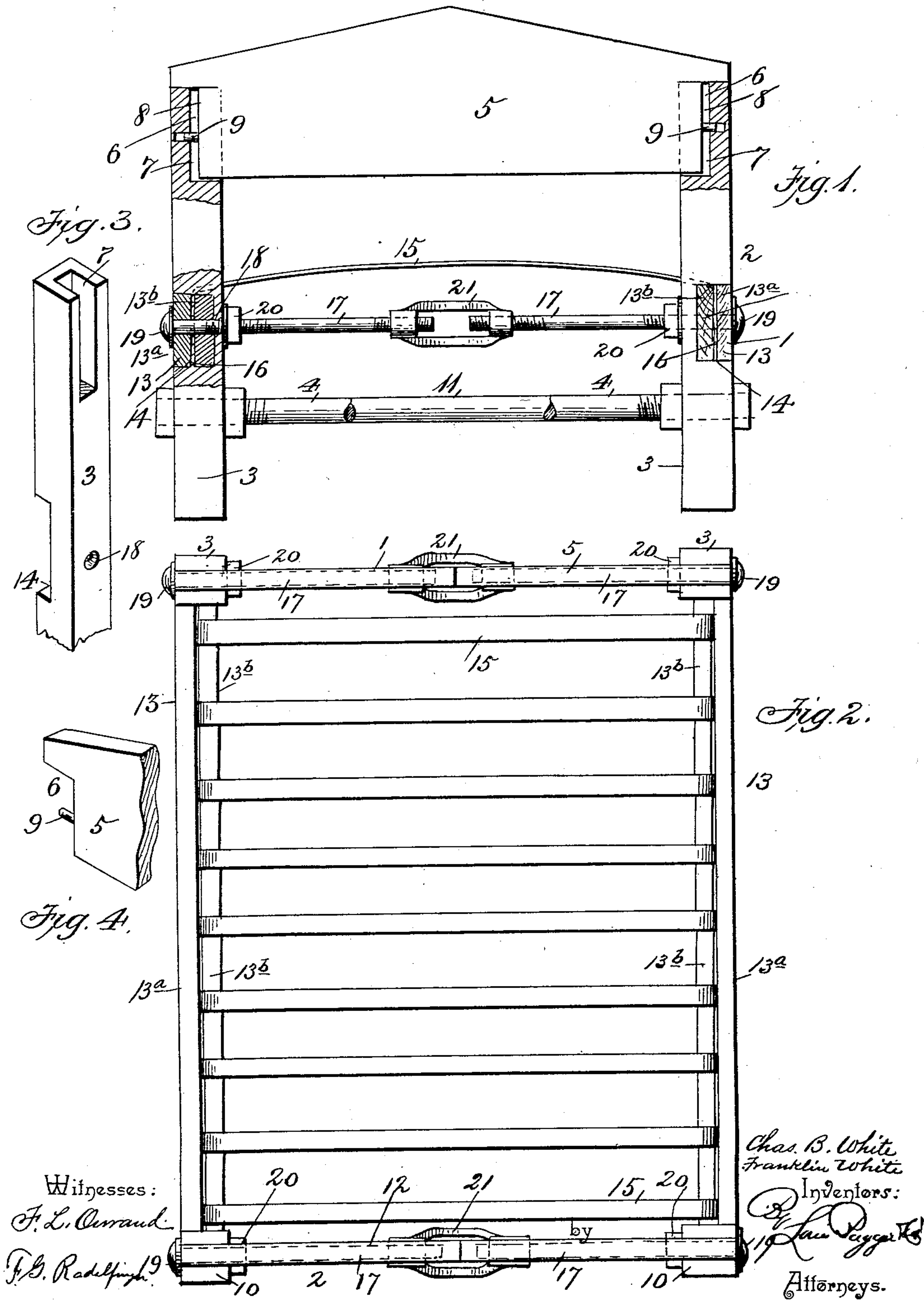
Patented June 17, 1902.

C. B. & F. WHITE.

BEDSTEAD.

(Application filed Apr. 8, 1902.)

(No Model.)



UNITED STATES PATENT OFFICE.

CHARLES B. WHITE AND FRANKLIN WHITE, OF LANDOVER, MARYLAND.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 702,839, dated June 17, 1902.

Application filed April 8, 1902. Serial No. 101,913. (No model.)

To all whom it may concern:

Be it known that we, CHARLES B. WHITE and FRANKLIN WHITE, citizens of the United States, residing at Landover, in the county of Prince George and State of Maryland, have invented new and useful Improvements in Bedsteads, of which the following is a specification.

Our invention relates to improvements in spring-beds; and the object of the same is to construct a bed of this description which can be adjusted to tighten or loosen the spring-bottom therein.

The simple and novel construction employed by us in carrying out our invention is fully described in this specification and claimed, and illustrated in the accompanying drawings, forming a part thereof, in which—

Figure 1 is an end elevation of our bed. Fig. 2 is a plan view. Fig. 3 is a perspective view of one of the posts. Fig. 4 is a detail perspective on one end of the headboard.

Like numerals of reference designate like parts in the different views of the drawings. Our bedstead comprises a head-frame 1 and a foot-frame 2.

The frame 1 comprises two posts 3, a cross-bar 4, and a headboard 5. The headboard 5 is notched at 6, fits grooves 7 in the posts 3, and is mounted with spaces 8, intervening between the ends to permit adjustment of the width of the bed. Pins 9, seated in the ends, hold the headboard against upward movement. The cross-bars 4 also permit adjustment of the width of the bed.

The foot 2 is constructed similarly to the head and comprises posts 10, a cross-bar 11, and a footboard 12. Side bars 13 are each constructed of two parallel members 13^a and 13^b, which are located in contact. These side bars fit notches 14 in the posts 3 and 10. Bowed springs 15 form the bottom of the bed and have downturned ends 16, which extend between the side bars 13^a and 13^b.

To clamp the bed firmly together and hold the springs in place, threaded tie-rods 17 are fitted in transverse apertures 18 in the posts 3 and 10 and in the side bars 13. These tie-rods 17 are provided with heads 19, which

bear on the outer faces of the side bars 13, and nuts 20 are mounted on the rods 17, which bear on the posts 3 and 10 and serve to clamp the posts and side bars firmly together. Turnbuckles 21 connect the ends of the tie-rods. When it is desired to increase or diminish the bow of the springs 15, it is only necessary to operate the turnbuckle 21 to either diminish or increase the width of the bed. To replace one of the springs 15, the nuts 20 are first loosened, after which the turnbuckles are operated to force the rods 17 outward. This will release the springs 15.

We do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of our invention.

Having thus described our invention, what we claim as new, and for which we desire to secure Letters Patent, is—

1. In a bedstead, the combination of four bedposts, side bars each consisting of two bars placed in contact and fitting notches in said posts, bowed springs having downturned ends extending between said bars, and means for connecting said posts and clamping said bars together to hold said springs firmly in place, substantially as described.

2. In a bedstead, the combination with four posts, of side bars each comprising two bars in contact and fitting notches in said posts, bowed springs having downturned ends engaged by said bars, tie-rods fitting transverse apertures in said side bars and said posts, said tie-rods having heads thereon which bear on the outer faces of said side bars, nuts mounted on said tie-rods and bearing on the inner side of said posts and turnbuckles mounted on said tie-rods, substantially as described.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

CHARLES B. WHITE.
FRANKLIN WHITE.

Witnesses:

BENNETT S. JONES,
FRANK G. RADELFINGER.