J. A. PAIGE.

BED ATTACHMENT.

APPLICATION FILED OCT. 4, 1916.

1,262,086. Patented Apr. 9, 1918.

Fig. 1

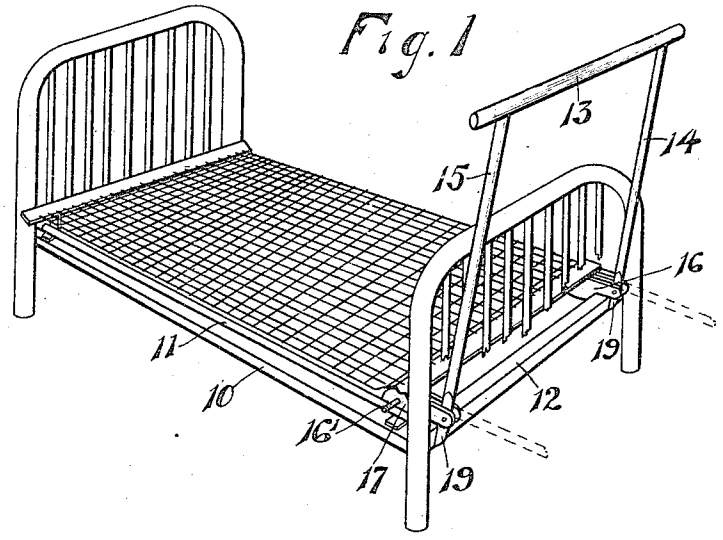


Fig. 2

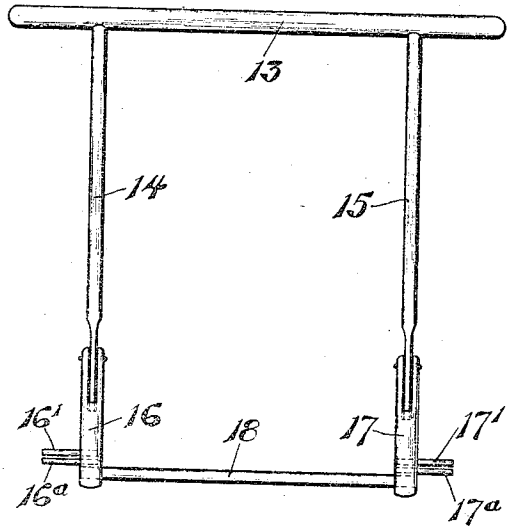
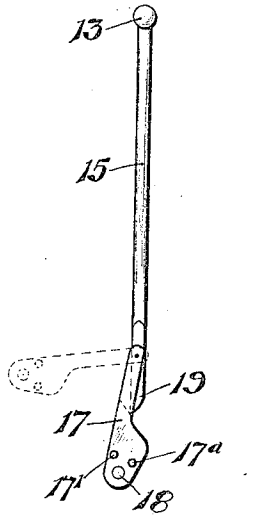


Fig. 3



WITNESS:

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UNITED STATES PATENT OFFICE.

JEREMIAH A. PAIGE, OF ROXBURY, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO NATHANIEL HOWARD, OF BOSTON, MASSACHUSETTS.

BED ATTACHMENT.

1,262,086. Specification of Letters Patent. Patented Apr. 9, 1918.

Application filed October 4, 1916. Serial No. 123,758.

To all whom it may concern:

Be it known that I, JEREMIAH A. PAIGE, a citizen of the United States, residing at Roxbury, in the county of Suffolk, in the State of Massachusetts, have invented a certain new and useful Improvement in Bed Attachments, of which the following is a specification, reference being had to the accompanying drawings.

The object of this invention is to provide a simple and cheap attachment for beds as commonly constructed, which attachment may be stored beneath the spring or mattress when not required for use and which may be quickly and conveniently drawn out and adjusted to its operative position whenever it is needed. The office of said attachment is to serve as an effective support of the bed sheets and covers when it is desired to air the same.

Devices of this class, as heretofore constructed, (so far as I am familiar with them), have been adjustably attached to the bed by means of special clips or clamps which are bolted to the bed-posts or side-rails.

In contradistinction to such constructions my present improvement aims to provide a form of rack or rail for supporting the bed-clothing, which is formed as an independent structure yet it is adapted for use with bedsteads of ordinary construction without the aid of clips, clamps, or other supporting devices.

My invention is illustrated in the annexed drawings, in which Figure 1 is a perspective view of a metal bedstead having mounted thereon an attachment embodying my present improvements. Fig. 2 is a relatively enlarged elevation of the bar 13 and its connections and Fig. 3 is an end view of said bar and connections showing also, in dotted lines, the position assumed by the block 16 when the attachment is mounted on the bed.

Referring to these drawings, the numerals 10 indicate the side rails of a bedstead, here shown as a metallic bedstead of ordinary construction, and the numerals 11 denote the side rails of a spring-supporting frame mounted on the bedstead. 12 denotes the foot-rail of the bedstead.

My improved attachment is best illustrated in Fig. 2 of the drawings and said attachment is so constructed that it may be slidably mounted on the side-rails 10 of the bed or, if preferred, on the side-rails 11 of the spring frame. Said attachment consists essentially of an horizontal bar 13 whose otherwise free ends are secured to right angular bars 14—15 whose other ends are respectively jointed or hinged to blocks 16—17 which are, preferably, connected by a tie-rod 18. The block 16 has fixed therein laterally projecting pins or studs 16′ and 16^a which are in vertical alinement with each other and are suitably spaced apart to receive therebetween the side-rail 10 or the rail 11 as the case may be, and the block 17 is provided with similar pins or studs 17′—17^a which are adapted to receive therebetween the other bed rail 10 or the spring-frame rail 11.

I call special attention to the hinge joint between the said blocks and the rods 14—15, which joint includes a projection 19 which serves to aline the blocks and said rods (14—15) when the attachment is dropped to an horizontal position and slid under the bed, when not in use, as I will explain more fully hereinafter, and said projections 19 also serve another and, perhaps, more important function as locks to retain the attachment in its raised or operative position.

When the device is not needed for immediate use the horizontal bar 13 is lowered to the plane of the blocks 16—17 and the complete structure is pushed under the bed, the bars 14—15 resting and sliding on the foot rail 12, and the blocks 16—17 being guided and supported by their laterally projecting pins which embrace the bed-rails or the spring-frame side-rails as the case may be.

When it is desired to utilize the bar 13 to support and air the bed-clothes, said rail is grasped and drawn outward (away from the bedstead) until the blocks 16—17 are located over the foot-rail 12. The bar 13 is then swung upward to an approximate right angle with the said blocks, and the projections 19 are lowered to the position seen in Fig. 1 where they abut the vertical side of the foot-rail and thus lock the bars 14—15 and the horizontal bar 13 in an upright position; the said bar 13 being then located, preferably, somewhat above the level of the top of the foot-board of the bed and so that the bed-covers may be conveniently spread over the foot-board and the said bar 13.

My described attachment is so constructed

that it may be utilized with ordinary bedsteads without making any changes in such bedsteads and without the aid of clips, clamps, brackets or other additions to such bedsteads.

Having thus described my invention, I claim as new and wish to secure by Letters Patent:—

1. In combination with a bedstead, an attachment thereto, consisting of blocks slidably mounted on the bed rails, a clothes-supporting bar hinged to said blocks, and means for locking the bar in its operative, elevated, position.

2. In combination with a bedstead, an attachment thereto, consisting of a clothes-supporting bar having hinged thereto blocks that are slidably mounted on the side rails of the bed, and means adapted to engage the foot-rail of the bed for locking the said bar in its operative position.

JEREMIAH A. PAIGE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."