

W. GOODLIFFE.
BEDSTEAD.

No. 520,733.

Patented May 29, 1894.

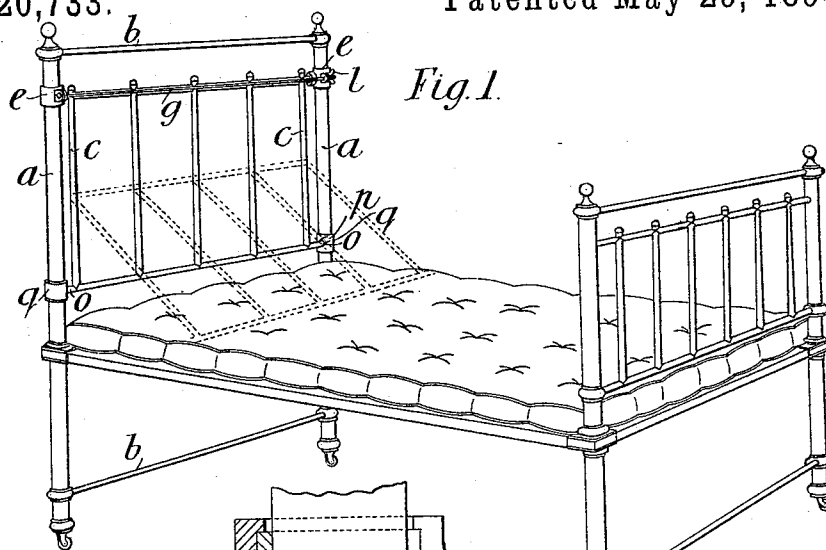


Fig. 1.

Fig. 2.

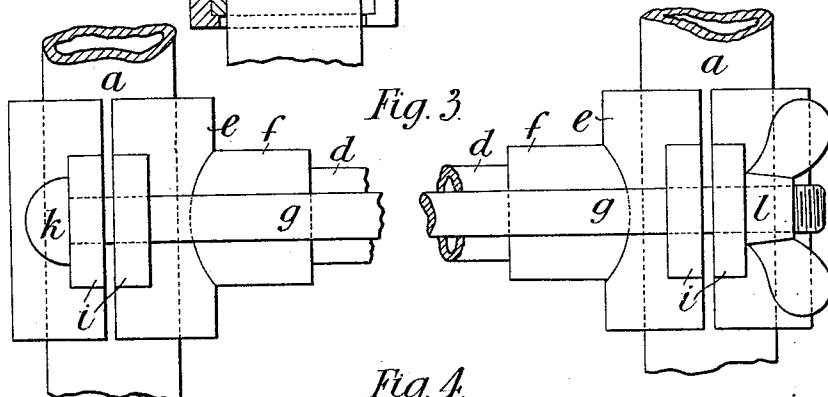
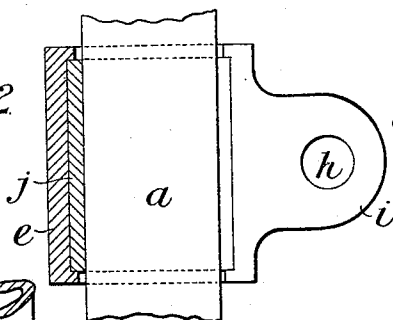
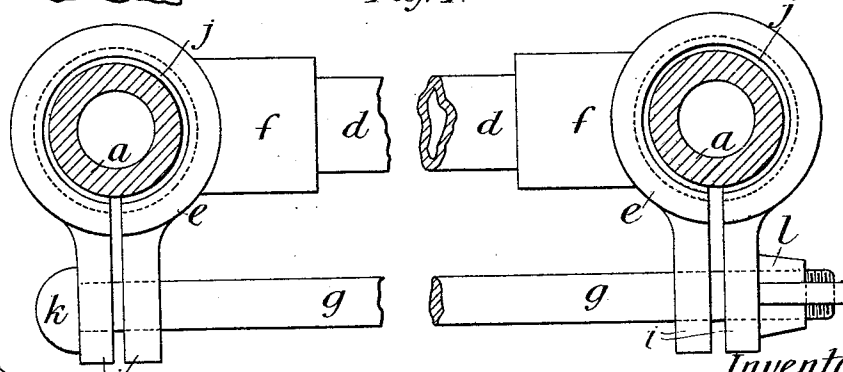


Fig. 3.

Fig. 4.



Witnesses
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Inventor
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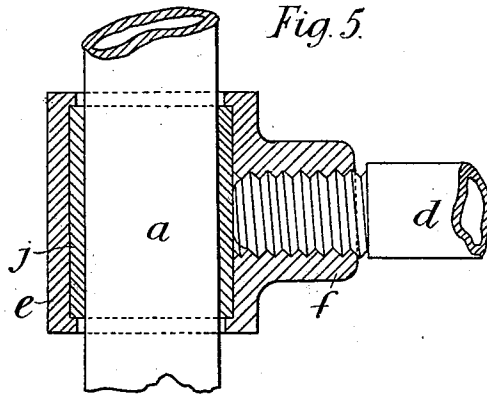


Fig. 6.

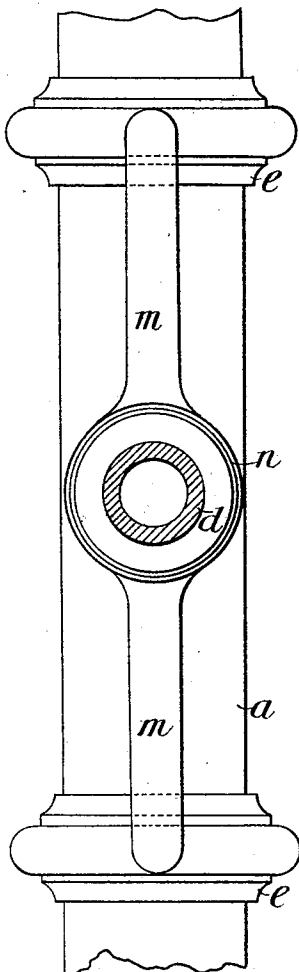
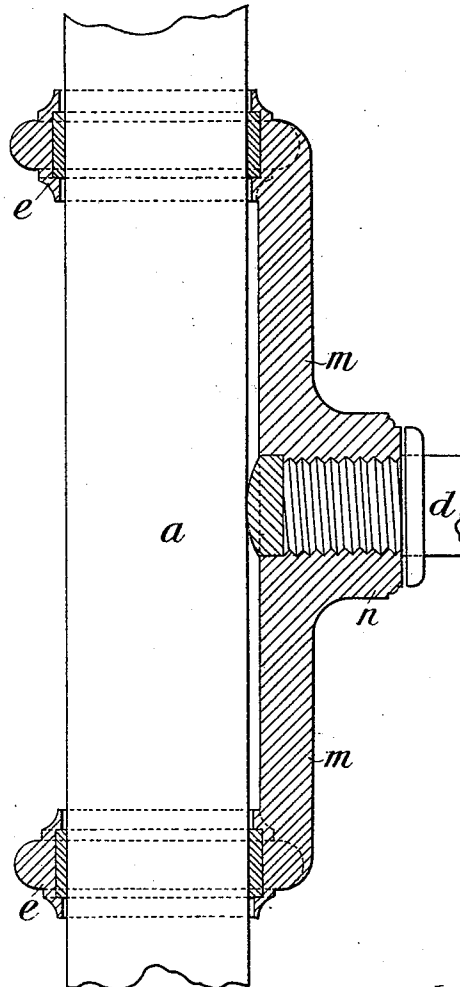


Fig. 7.



Witnesses

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UNITED STATES PATENT OFFICE.

WALTER GOODLIFFE, OF CAMBRIDGE, ENGLAND.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 520,733, dated May 29, 1894.

Application filed October 16, 1893. - Serial No. 433,254. (No model.)

To all whom it may concern:

Be it known that I, WALTER GOODLIFFE, a subject of the Queen of Great Britain, residing at Cambridge, England, have invented new and useful Improvements in Bedsteads, of which the following is a specification.

My invention relates to improvements on an invention for which Letters Patent were granted to me dated the 7th day of November, 1893, No. 508,382, entitled "improvements in bedsteads."

In the accompanying drawings:—Figure 1 is a metal bedstead having a movable frame provided with rings adjustably connected together according to my present invention. Fig. 2 is a side sectional view of one of the rings shown applied to a bed post or pillar. Fig. 3 is a front elevation of a pair of such rings applied to their respective pillars and provided with the said means for adjustably connecting the rings together. Fig. 4 is a plan of Fig. 3 but showing the pillars in section. Fig. 5 is a sectional elevation illustrating a modified arrangement for adjustably connecting the rings. Fig. 6 is a front elevation illustrating a further modification; and Fig. 7 is a side sectional elevation of the same.

Similar letters in all the figures indicate similar or corresponding parts.

a, a are the pillars, and *b, b, b* the cross rails forming the outer frame of the head of the bedstead.

c is the inner or movable frame, and *d, d* are the projections or pivots at its upper end connected to rings *e, e* sliding upon the pillars *a, a*, the said rings being provided with sockets *f, f* to receive the said projections.

In order to adjustably connect the rings *e, e* together according to my invention and for the purpose hereinbefore referred to I may make use of a tie-bar or rod *g*, as shown in Figs. 1, 3, and 4, which rod is passed through eyes *h*, Fig. 2, in lugs *i* on the rings *e* which may be whole, or split as in Figs. 2, 3, and 4, and provided with a lining *j* of soft material such as leather, felt or the like to prevent the

rings from injuring the pillars *a*. The rod *g* is provided with a head *k* at one end and its other end is screw-threaded to receive an adjusting nut *l*, by operating which the rings *e* can be caused to grip the pillars *a* more or less tightly. The rod *g* can be placed in front of the pillars *a* as shown or at the rear of the the same, as will be obvious. Or the adjustable connection can be effected, as shown in Fig. 5, by screw-threading the two projections or pivots *d, d* and sockets *f, f* with threads of opposite hand so that the act of moving the lower end of the inner frame *c* forward will cause the rings *e* to press upon or grip the pillars *a*. Or, as shown in Figs. 6 and 7, I may employ a pair of rings upon each pillar *a*, each pair of the said rings being connected together by a bar *m* having a boss *n* in which the screw-threaded socket is formed.

o, o are the projections at the lower end of the frame *c*, which projections engage with notches *p* in rings *q* when the said frame is not required for use as a bed-rest.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

1. In combination with the head of a bedstead, sliding rings on the post thereof, a movable frame pivoted at its upper end to said sliding rings and clamping means for locking said rings in place simultaneously, substantially as described.

2. In combination with the head of a bedstead, sliding rings on the posts thereof, and a movable inner frame pivoted to said rings at the upper end by threaded projections adapted to act to clamp the rings in place in one position of the frame, substantially as described.

WALTER GOODLIFFE.

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