

(No Model.)

W. GOODLIFFE.
BEDSTEAD.

No. 508,382.

Patented Nov. 7, 1893.

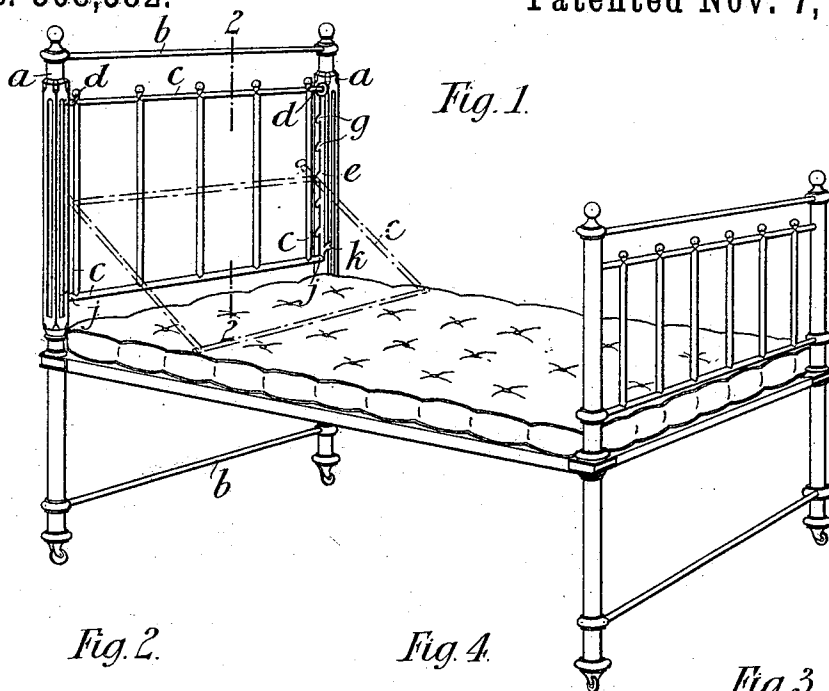


Fig. 1.

Fig. 2.

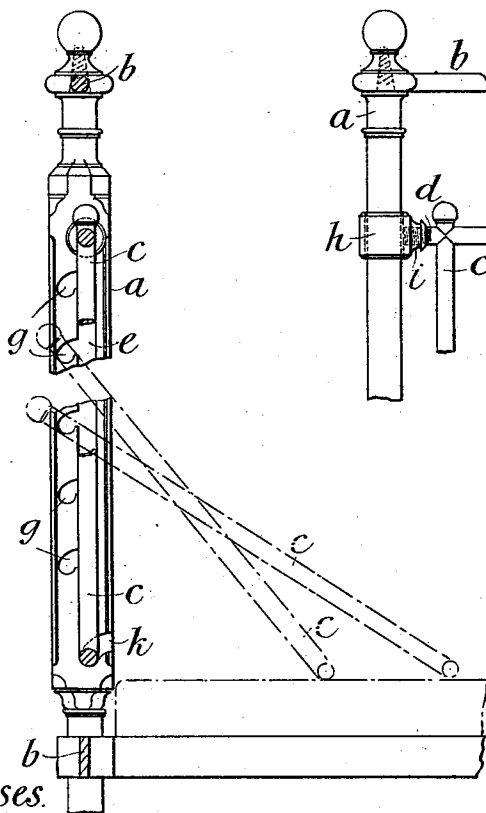


Fig. 4.

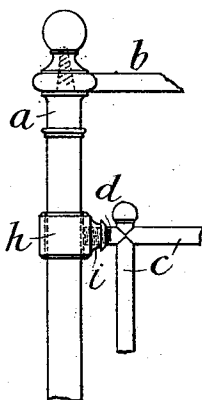
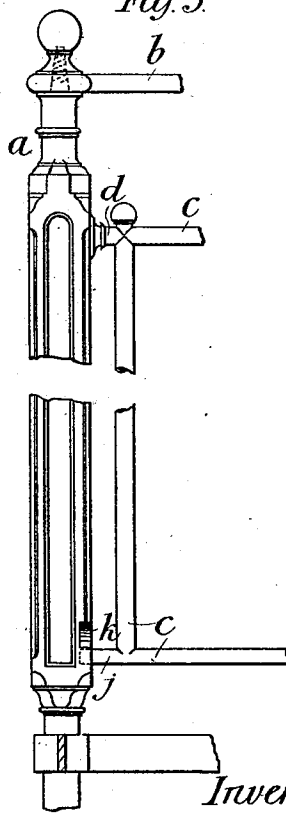


Fig. 3.



Witnesses.

F. L. Mudgett

Wm. F. Hall

Inventor.

Walter Goodliffe

By F. L. Mudgett & Co. attys

UNITED STATES PATENT OFFICE.

WALTER GOODLIFFE, OF CAMBRIDGE, ENGLAND.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 508,382, dated November 7, 1893.

Application filed March 30, 1893. Serial No. 468,380. (No model.) Patented in England October 14, 1891, No. 17,537.

To all whom it may concern:

Be it known that I, WALTER GOODLIFFE, M. A., a subject of the Queen of Great Britain, residing at Cambridge, England, have invented new and useful Improvements in Bedsteads, (for which I have obtained a patent in Great Britain, No. 17,537, dated October 14, 1891,) of which the following is a specification.

My invention relates to bedsteads and has for its object to construct the framing forming the head of a bedstead so that a portion of it can be placed at an angle to form a bed-rest.

In carrying out the invention I construct the framing forming the head of the bedstead in two parts, viz., an outer frame consisting of the usual bed posts or pillars connected together by cross rails and to the framing supporting the mattress in the usual manner, and an inner frame which, when in use as a bed rest, rests at the lower end upon the mattress or the like while the upper end is provided with projections or pivots adapted to engage with notches in grooves in the pillars of the outer frame so as to be supported at an angle, or the projections or pivots on the inner frame may be connected to rings sliding upon the pillars of the outer frame by means of sockets which may with advantage be screw-threaded to engage with corresponding screw-threads on the said projections on the inner frame. The said inner frame is provided with projections at its lower end which projections when the frame is not required for use as a bed-rest are adapted to engage with the grooves in the pillars through the medium of notches.

To enable my invention to be fully understood I will describe how it can be carried into practice by reference to the accompanying drawings, in which—

Figure 1 is a perspective view of a metal bedstead provided with my improvements. Fig. 2 is a sectional elevation, the section being taken on the line 2, 2, Fig. 1. Fig. 3 is a front view of one of the pillars of the bedstead and parts in connection therewith, and Fig. 4 is an elevation illustrating the modification of my invention.

Similar reference letters indicate similar or

corresponding parts in the several figures of the drawings.

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 frame, and *d, d* are the projections or pivots at its upper end which may engage with and slide in the grooves *e, e* in the pillars *a, a* and be held in any required position therein by means of the notches *g, g* as shown in Figs. 1 and 2; or the said projections or pivots may be connected to rings *h, h* (Fig. 4) sliding upon the pillars *a, a*, the said rings being provided with sockets *i, i* (advantageously screw-threaded) to receive the said projections.

j, j are the projections at the lower end of the frame *c*, which projections engage with the grooves *e, e* when the said frame is not required for use as a bed-rest and *k, k* are the notches in the pillars through which the projections *j, j* can pass when required.

To use the frame *c* as a bed rest the pillows are first removed from the mattress or the like and the lower end of the said frame is disengaged from the grooves *e, e* and supported on the said mattress, the upper end of the frame when constructed as in Figs. 1, 2 and 3 being adjusted in position by engaging the pivots *d, d* with any of the notches *g, g* or when constructed as in Fig. 4, by sliding the rings *h, h* upon the pillars *a, a*, according to the angle which it is required the frame *c* to assume as clearly indicated in Fig. 1.

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 a bedstead, a bed frame having its upper edge pivoted between the head posts and vertically adjustable between said posts, and having an unconnected and freely swinging lower edge adapted to be supported by the mattress of the bed.

2. In a bedstead, the head posts connected together to form an outer frame, a freely swinging inner frame having projections from its upper corners pivotally supported between the head posts and adjustable vertically thereof, and projections from the lower cor-

ners of the inner frame adapted to enter corresponding inclined slots in the lower portions of the posts when the inner frame is folded to retain the inner frame in the same plane with the outer, substantially as described.

3. In a bedstead, the head posts connected together to form an outer frame, said posts having vertical grooves provided with notches,

a freely swinging inner frame having projections from the upper corners sliding in said grooves and engaging the notches, substantially as described.

WALTER GOODLIFFE.

Witnesses:

ELIZABETH DE LISLE,

ROSA WHITMORE,

Both of 4 Salisbury Villas, Cambridge.