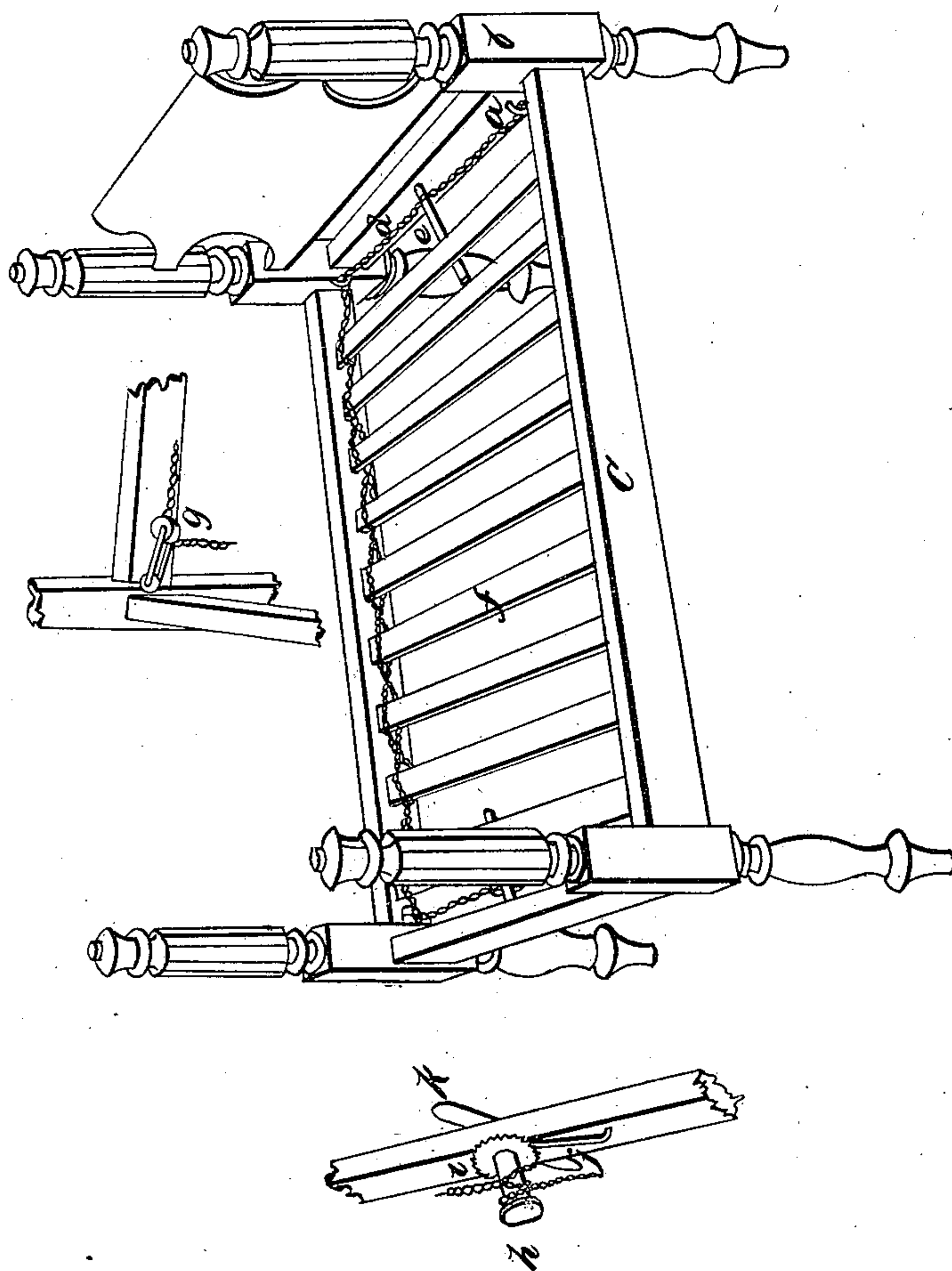


H. Miller,

Bedstead Fastening,

Nº 6,630,

Patented Aug. 7, 1849.



UNITED STATES PATENT OFFICE.

HENRY MILLER, OF SOUTH BEND, INDIANA.

BEDSTEAD-FASTENING.

Specification of Letters Patent No. 6,630, dated August 7, 1849.

To all whom it may concern:

Be it known that I, HENRY MILLER, of South Bend, St. Joseph county, State of Indiana, have invented a new and Improved
5 Method of Constructing Bedsteads; and I do hereby declare the following is a full and exact description.

An iron hook marked *a* in the drawings annexed, is inserted into the inner corners
10 of each of the four posts, marked *b*, as high from the foot of the posts as will come to the center of the rails, widthwise; said rails marked *c* within and resting upon these hooks, a cord marked *d* is passed twice
15 around from one hook to the other within the rails, so as to form two strands, and the ends fastened at one end of the bedstead. Between the cords at each end of the bedstead is a small stick, or handle marked *e*
20 with which the cords are twisted sufficient to strain them tightly. Between the cords, are placed ten or twelve wood slats, marked *f* of about five-eighths of an inch in thickness, by two inches in width placed parallel
25 to the ends of the bedstead, so that the cord which passes over the first slat, will pass under the second and so on throughout. But instead of the iron hooks marked *a* a pulley marked *g*, in plate B may be used.
30 And instead of the handle marked *e* let a round windlass shaft, marked *h* in plate C, pass through the center of the end rail, extending inward some four inches, with a pin through it, so that the rope may be fastened
35 to it. Upon this shaft, close to the inner side of the rail, place a ratchet wheel,

marked *i*, in plate C a catch marked *j* in plate C with its foot inserted in the rail so that its point shall work in the ratchet wheel. Upon the outer end of the shaft is 40 placed the handle marked *k* in plate C by which the whole cord is strained.

The advantages of this method of constructing bedsteads over the common methods, is that, that part upon which the bed 45 rests, is suspended entirely from four points. The combination of the slats and cord is such as to render a complete and easy spring bottom. The ease with which the cord is kept strained and the cheapness of its 50 structure, are among its superior advantages. The rails have no tenons nor have the posts mortises, except for head and foot board, the rail having a dowell pin in its end is inserted in a corresponding hole in 55 the post. No lateral pressure coming upon the rails, they are not liable to spring in or open their joints on the outside. In consequence of the manner in which the pressure is sustained upon this bedstead, the annoyance of all the noisy working of the 60 joints is avoided.

What I claim as my invention and desire to secure by Letters Patent, is—

The combination of the cord and slat bottom and use of pulleys and the methods of 65 suspending it, and also the method of straining the cord by the ratchet windlass.

HENRY MILLER.

Witnesses:

FRANCIS R. TUTT,
H. CHAPIN.