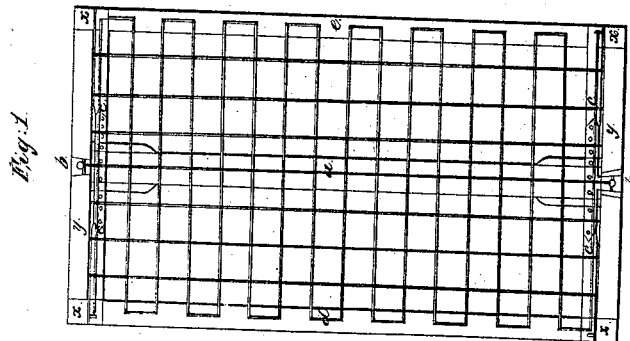
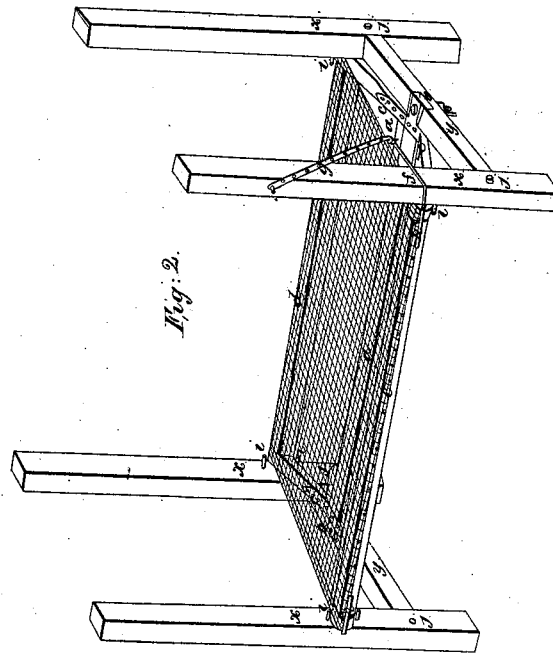
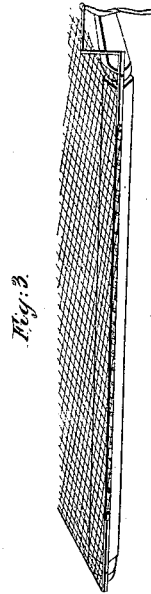


H. Pace, Sr.,

Bed Bottom,

N^o 4880.

Patented Dec. 10, 1846.



UNITED STATES PATENT OFFICE.

HENRY PACE, SR., OF CINCINNATI, OHIO.

BEDSTEAD.

Specification of Letters Patent No. 4,880, dated December 10, 1846.

To all whom it may concern:

Be it known that I, HENRY PACE, Sr., of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Bedsteads, and that the following is a full, clear and exact description of the principle or character which distinguishes it from all other things before known and of the manner of making, constructing, and using the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a plan of the framing and Fig. 2, a perspective view.

The same letters refer to like parts in both figures.

The nature of my invention consists in adapting a new mode of stretching the bed bottoms to common four post bedsteads by suspending the side rails on arms that are attached to a center rail by hinges, said arms being held by the bottom in an inclined position upward so as to keep it stretched similar to a cot bedstead, while at the same time, I attain a greater facility in taking down or setting up the bedstead.

The parts are constructed as follows: Four posts (*x*) made of any ordinary pattern are connected in pairs by head and foot rails (*y*); a rail (*a*) is dovetailed into the head and foot rails at their center and is the length of the bedstead, this I denominate the center rail; its ends are firmly fixed to the head and foot rail by screws and strengthened by an iron strap (*b*). To the center rail at each end are hinged two arms (*c*) that extend out as far as the posts and are there connected with the side rails (*d*, *e*) which are supported entirely by the arms,

being detached from the posts. The side rail (*e*) may be made to revolve to act as a windlass to sacking or rope bottoms by which they can be contracted. The sacking or cords are stretched across from one rail to the other, the arms being a little elevated at their ends as is clearly shown in Fig. 2, and when a weight is placed upon the bottom, it causes the rails to spread by the descent of the arms and thus keep the bottom tight. A peg (*i*) is put into the posts over the end of each arm and by this means they are kept steady. To take the bedsteads down the side rails can be folded up like leaves if the center rail is first detached after which the head and foot rails can be detached and the whole packed. I sometimes that any pressure downward on the rail or windlass (*e*) through the arm and form on the end of it a crank (*f*) which can be connected with the post by a strap (*g*) so that any pressure downward on the rail will tend to tighten the bottom on it for it is obvious that if the end of the crank is held fast and the journal falls it will be turned thereby.

Having thus described my improvements, what I claim as my invention and desire to secure by Letters Patent, is—

The employment of a center rail, or its equivalent, to which are hinged arms that support the side rails, instead of their being fixed to the posts—the whole being arranged and combined substantially in the manner and for the purpose described.

HENRY PACE, SR.

Witnesses:

E. SINGER,
F. RATH.