

S. Espach,
Bedstead,

No 26,577

Patented Dec. 27, 1859.

Fig 1.

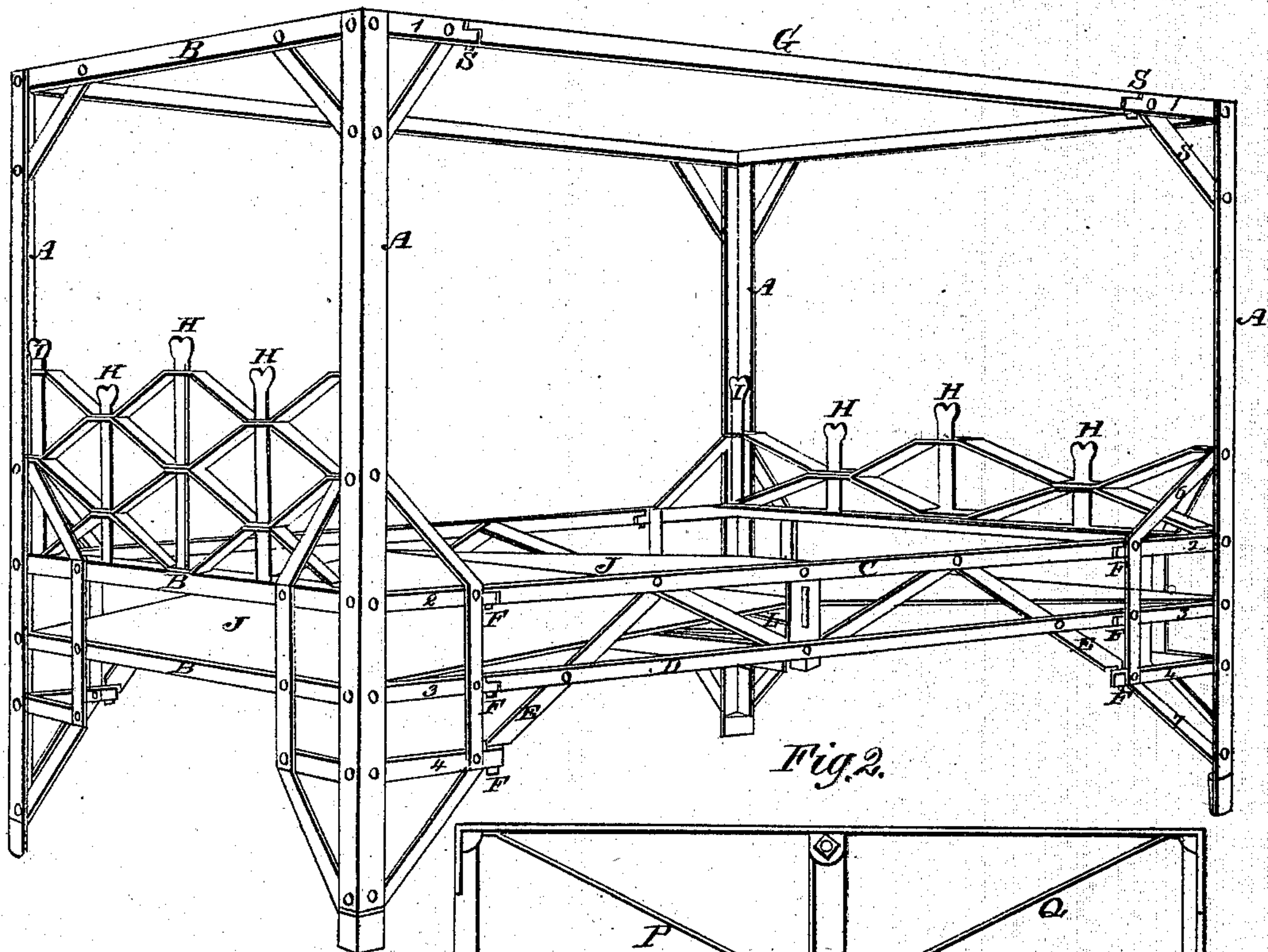


Fig 2.

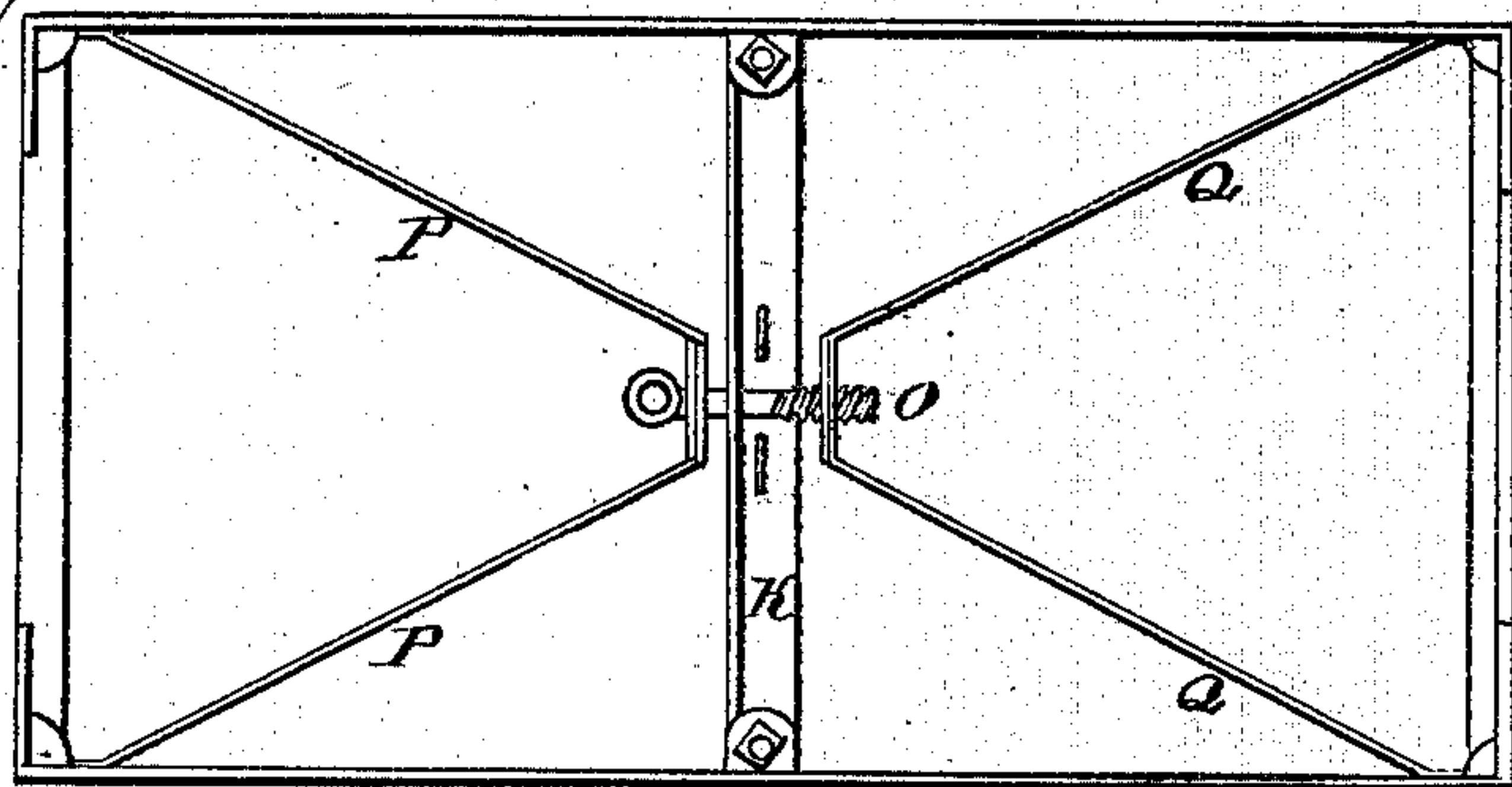
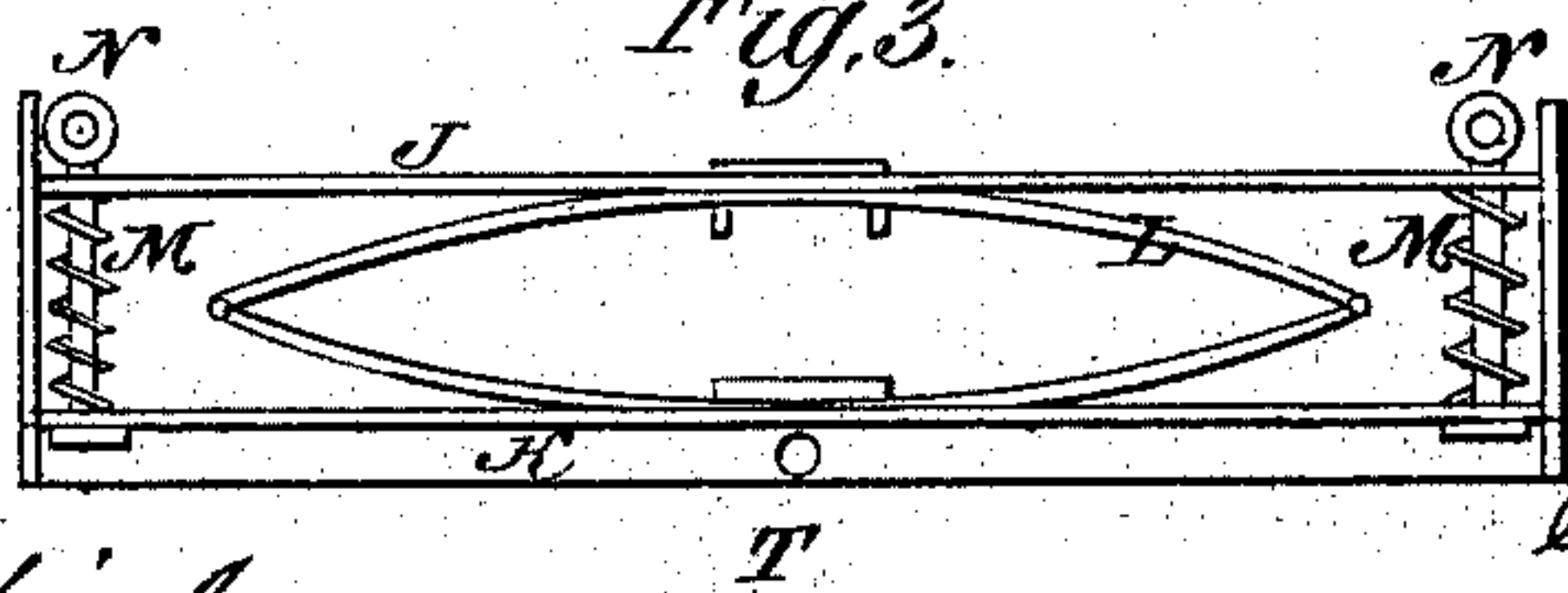


Fig 3.



Witnesses:

H. E. Clifton

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Inventor.

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UNITED STATES PATENT OFFICE.

SERAPHIN ESPACH, OF CINCINNATI, OHIO.

BEDSTEAD.

Specification of Letters Patent No. 26,577, dated December 27, 1859.

To all whom it may concern:

Be it known that I, SERAPHIN ESPACH, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Bedsteads; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the characters of reference marked thereon, making part of this specification.

The nature of my invention relates to the arrangement and combination of parts, in the construction of bedsteads, substantially as hereinafter represented and described.

With reference to the accompanying drawings Figure 1, is a perspective view of the improved bedstead. Fig. 2, is a plan of the same in an inverted position. Fig. 3, is a central transverse section.

The posts A, are composed of an upright strip of angle iron to which are riveted the arms 1, 2, 3, 4, furnished with sockets at their ends, and the braces 5, 6, 7, which firmly brace the said arms. The two posts at the head, as also the two at the foot are respectively connected by the rails B, made of thin metal bars, these rails being riveted or otherwise secured to the posts and braced in like manner to the arms 1, 2, 3, 4.

The side lower rails are composed of two thin metal bars C, D, joined and made stiff by the stays and braces as shown, their ends and the lower ends of the braces e, being furnished with the hooks F, which are fitted to the sockets in the ends of arms 2, 3, 4. The top rails G, are in like manner furnished with hooks fitted to the sockets in the ends of arms 1.

The head and foot boards are formed of a series of strips of thin metal, the lower strip being straight, and the others bent as represented so as to form a sort of lattice work, with the screw rods H, passing vertically through them to secure them together.

These screw rods serve also to compress the lattice work vertically thereby elongating the head or foot board in their places between the posts so as to cause them to act more perfectly as braces for the posts and remedy any looseness that might occur between them and the posts. The rods I, are similar to the rods H, and serve to secure the head and foot boards in such manner that

they may be easily removable from their connection with the posts. These rods I, are fitted to corner blocks in the angle of the post and pass through said blocks which are fast to the posts and the ends of the head and foot boards so securing them together.

J, is an elastic or yielding foundation sheet for the bedding to rest upon, its ends rest upon the flange upon the inside of the lower one of the rails B, at each end of the bedstead, said rails being made of angle iron for that purpose. On each end of the foundation J, is fixed a pin or guide rod T, passing through a suitable socket in the lower rail B, in which it slides back and forth as the foundation J, moves up and down. This foundation J, may be of one piece or more, of thin sheet metal or of strips riveted together.

A bar K, connects and braces the rails D. On this bar is arranged an elliptical spring L, and two spiral springs M, on which rests the middle of the foundation sheet J. The bolt rods N, pass through ears on the rails C, the spiral springs M, and the bar K, and so hold said springs in place. In a horizontal plane with the rails D, are arranged the V-shaped braces one being attached to the two head-posts and the other to the two foot-posts and the two connected by the screw o. P, Q, are the braces, and by means of the screw o, they can be strained so as to give stiffness to the bedstead and keep it in its proper rectangular form.

This bedstead can be easily taken down by simply releasing the screw o, and lifting the hooks F, and S, from their sockets, and as easily set up.

It is not always desirable to apply casters to the feet of bedsteads, and when they are not so applied and it becomes necessary to move or slide the bedstead upon the carpet or floor the feet of the bedstead as ordinarily constructed are very apt to scratch or mar the carpet or floor. To remedy the evil above named and render the bedstead more perfect in that respect I make the part of the foot which rests upon the floor, of lead. The soft and ductile nature of this metal will insure the sliding of a bedstead thus mounted, freely without liability to scratch or mar the carpet or floor on which it is moved.

Having described the construction of my improved bedstead

I claim the described arrangement and combination of parts consisting essentially
5 of the foundation J, and its springs L, M, the posts A, rails C, D, hooks F, and their sockets, the braces P, Q, and their adjusting screw O, and the lattice work head, and foot,

boards, all substantially as and for the purpose set forth.

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In testimony of which invention I have hereunto set my hand.

SERAPHIN ESPACH.

Witnesses:

H. E. CLIFTON,

D. N. B. COFFIN, Jr.