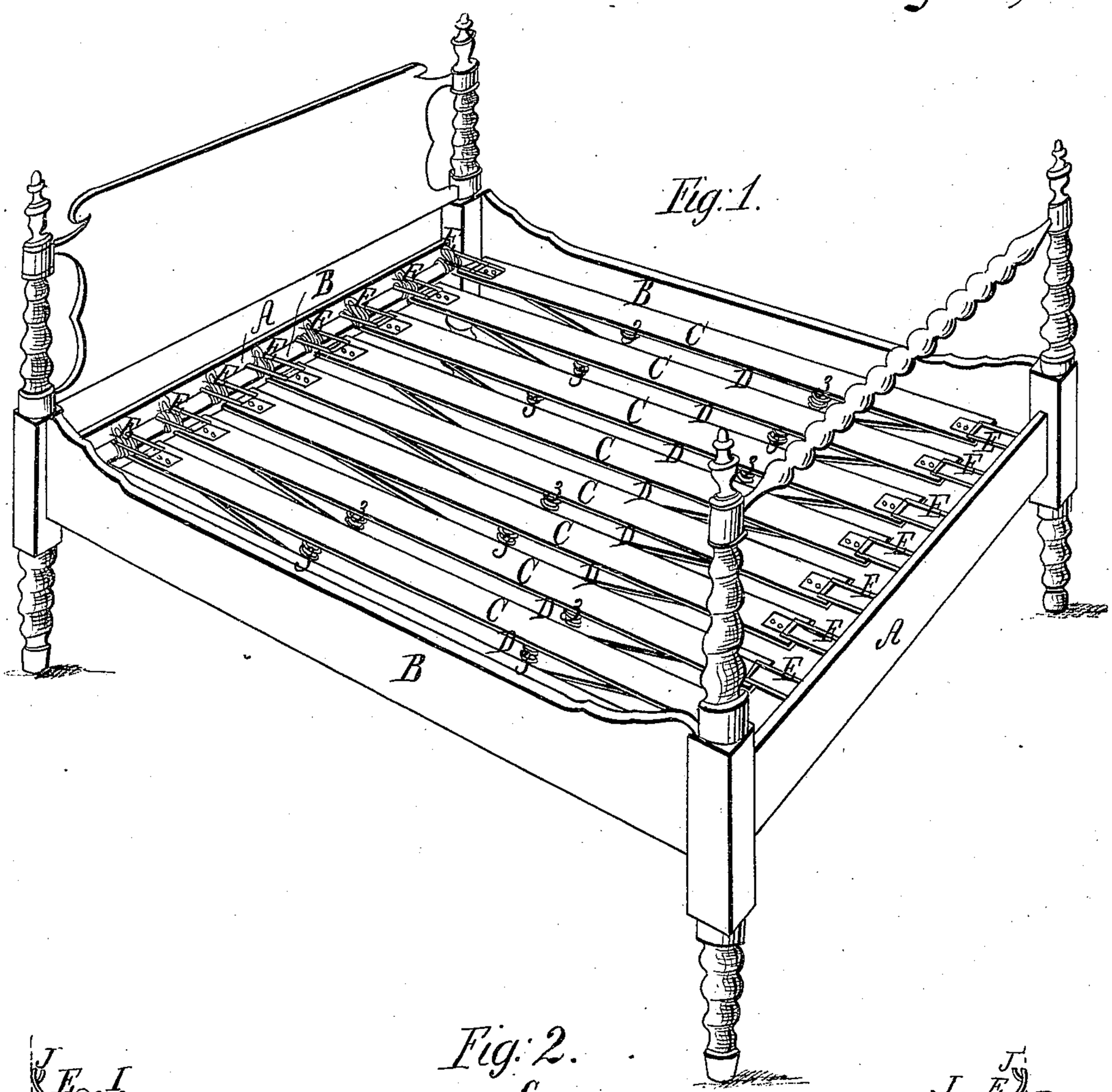
Joslin & Newhall,

Bed Bottom.

No. 77,738. Patented May 12, 1868.



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BLINN D. JOSLIN M. D., AND REUBEN A. NEWHALL, OF NORTH BROWNVILLE, MICHIGAN.

Letters Patent No. 77,738, *dated May* 12, 1868.

IMPROVED BED-BOTTOM.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that we, BLINN D. JOSLIN, M. D., and REUBEN A. NEWHALL, of North Brownville, in the county of Kent, and State of Michigan, have invented a new and useful Improvement in Spring-Bed Bottoms; and we do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and forming a part of this specification.

Figure 1 is a perspective view of our invention attached to a bedstead.

Figure 2 is a view of the same unattached, and showing the method of construction.

The same letters indicate like parts in each figure.

It is a well-known fact that all bed-bottoms, which are, in part, constructed of slats or strips of wood, after being used for some time, become depressed in the centre, by the bending of the slats from the weight imposed on them, and require to be renewed from time to time.

The nature of this invention consists in so arranging a truss, and one or more coil or other springs between the slat and truss, as to prevent this tendency of the slat to deflect in the centre.

In order to accomplish this object we construct a slat, C, in the ordinary form, to run longitudinally, with reference to the side rails, B, of the bedstead. To this slat we attach the truss D, made fast and turned over the ends of the slat, in such a manner as to form a loop, I, through which is passed the loop of the double coil-spring E, which spring encloses the rod or round bar B, and is attached to the head and foot-rail, A, of the bedstead by means of a proper loop in the centre of the double coil-spring and the hook J. To the upper side of the truss we attach coil or other springs, 3, as many as we deem best, which support and prevent too much deflection of the slat.

By using our truss and supporting-springs, the slats may be attached to the head and foot-rails of a bedstead by any other well-known device.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The truss D, provided with supporting-springs 3, when attached to slat C, and operating substantially as and for the purposes described.

2. The combination of the trussed slats C with the rod B and hooks J, upon the double coil-spring E, for the purpose described.

BLINN D. JOSLIN, M. D.,
REUBEN A. NEWHALL.

Witnesses:
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