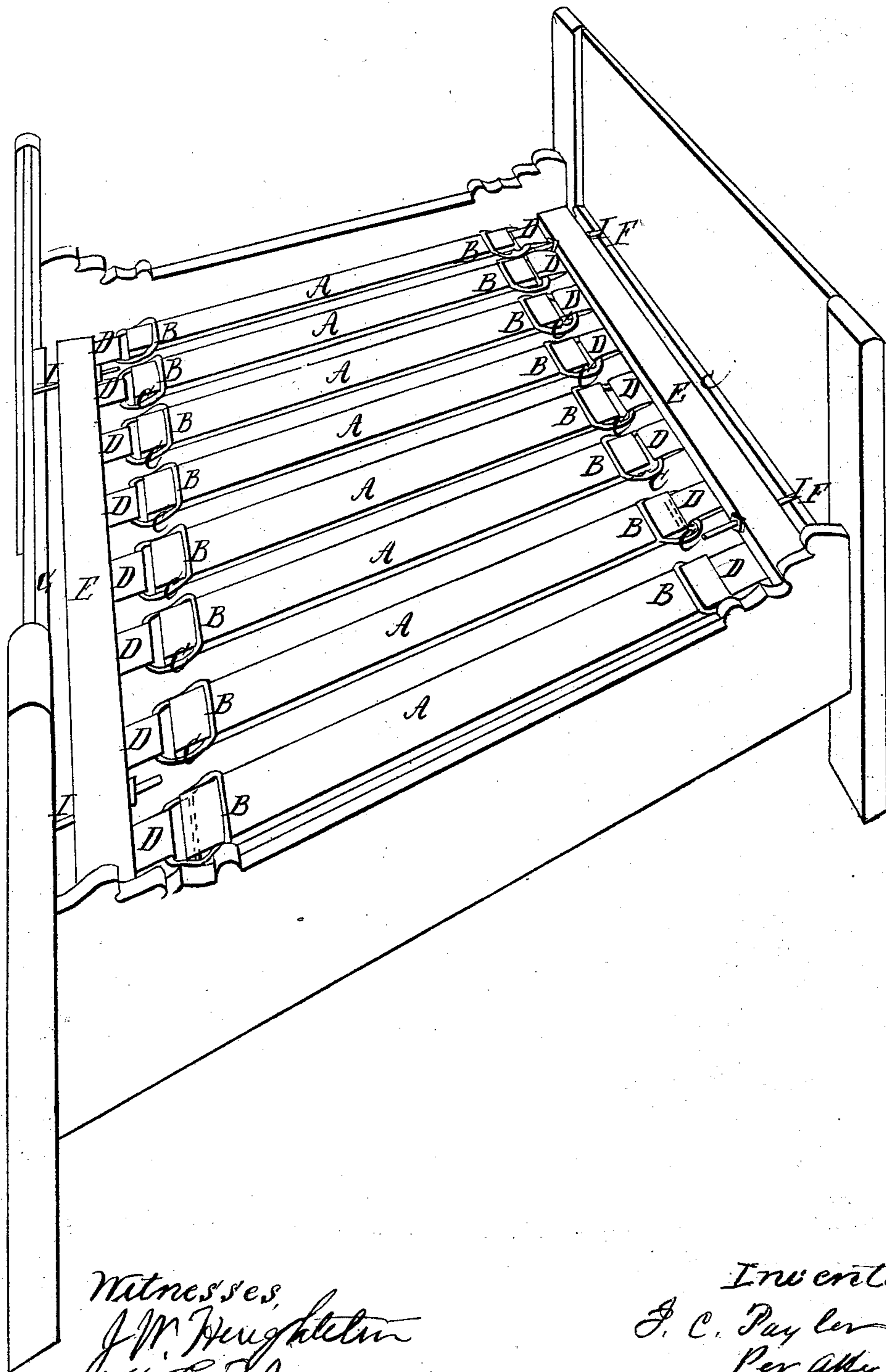


J. C. Taylor,
Bed Bottom,
No 78,026, *Patented May 19, 1868.*



Witnesses,
J. M. Houghton
J. S. Sprague

Inventor,
J. C. Taylor
Per Atty
J. S. Sprague

United States Patent Office.

JAY C. TAYLOR, OF ANN ARBOR, MICHIGAN.

Letters Patent No. 78,026, dated May 19, 1868.

IMPROVED SPRING-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 I, JAY C. TAYLOR, of Ann Arbor, in the county of Washtenaw, and State of Michigan, have invented a new and useful Improvement in Spring-Bed Bottoms; and I 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 being a part of this specification.

The drawing, which is partially in section, shows fully my invention, and the method of attaching it to a bedstead of ordinary construction.

The nature of the invention consists in using shorter slats than are ordinarily employed, suspended and sustained by springs of rubber webbing, or other suitable material, the connection between the slat and spring being made by a metallic buckle. The opposite end of the spring is properly secured to an adjustable bar, provided with suitable hooks or hangers, which act, and partially rotate upon journals in a transverse bar, which is firmly attached to the head and foot rail of the bedstead. The opposite ends of these hooks or hangers, which pass through the adjustable bar, should be provided with a thread and nut, by means of which the whole apparatus may be lengthened or shortened at pleasure, or as may be desirable.

In order to construct such a bed-bottom, I take the longitudinal slats A, upon the ends of which I place the buckles B, in such a manner that the ends of the slats rest upon the transverse bar C of the buckle, while one of the loops of the buckle passes over the top of the slat, to hold it in place. Through the opposite loop of the buckle I attach the rubber springs D, made of rubber webbing, or other suitable material, which are also firmly attached at their opposite ends to the transverse adjustable bar E, which is provided with hooks or hangers, I, as heretofore described, which are hooked and play upon the journal F in the transverse bar G, which is securely attached to the head and foot rail of any bedstead.

Instead of the transverse bar G, a suitable plate or casting to receive the hook may be attached.

By constructing a bed-bottom as above described, I secure a more elastic bed-bottom than is ordinarily obtained where slats are used, by the combination of the slats and springs with the adjustable and vibrating transverse bar, the springs allowing the bottom to give and conform to the weight resting upon it, while the vibrating-bar, partially rotating upon the hooks or hangers, or upon pintles suitably pivoted in the ends of the transverse bar and side rails of the bedstead, allow the whole bottom to vibrate, thus securing a double action to the whole apparatus.

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

The combination of slats A, buckles B, rubber springs D, adjustable bar E, hangers I, journals F, and transverse bar G, when arranged and operating substantially as and for the purposes herein set forth.

JAY C. TAYLOR.

Witnesses:

H. S. SPRAGUE,

J. W. HOUGHTLIN.