

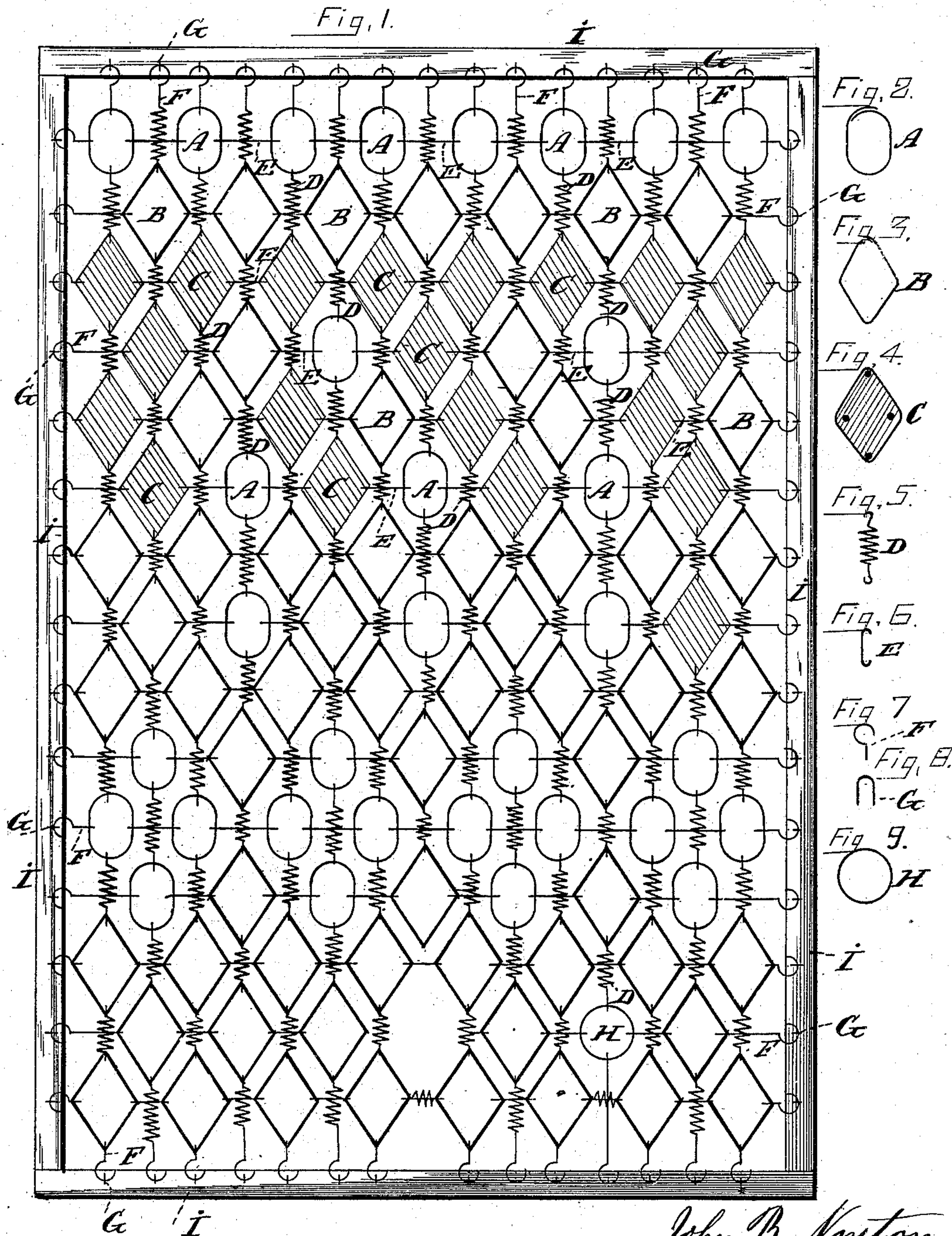
(No Model.)

J. B. NORTON.

BED BOTTOM.

No. 255,657.

Patented Mar. 28, 1882.



WITNESSES:

Thos. G. Dieterich
Thos. W. Blackett

John B. Norton
INVENTOR

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UNITED STATES PATENT OFFICE.

JOHN B. NORTON, OF MADISON, WISCONSIN.

BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 255,657, dated March 28, 1882.

Application filed January 28, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. NORTON, of Madison, in the county of Dane and State of Wisconsin, have invented certain new and useful Improvements in Bed-Bottoms; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a plan view of my improved bed-bottom, and Figs. 2 to 9 represent details of its component parts detached from each other and from the bed-frame.

My invention has relation to elastic or spring bed-bottoms; and it consists in the combination and arrangement of spiral and other springs with disks or plates of wood, metal, or other suitable material, in the manner hereinafter more fully described and claimed.

The letter I designates the frame of my improved spring bed-bottom, into the top of which staples G, or equivalent fastening devices, are placed equidistant from one another. Hooks F are hooked into these staples and connect with elliptic springs A; or, if desired, rhombic springs, as shown at B, or circular springs, as shown at H, may take the place of the elliptic springs. These springs A are connected side-wise by hooked wires or double hooks E and endwise by double-hooked spiral springs D. Rhombic plates C, made of wood, metal, or other suitable material, alternate with the flat springs, and are connected to each other and to their alternating springs in like manner—

viz., sidewise by the hooked connecting or coupling wires E and endwise by the hooked spiral springs D.

The rhombic plates C may be arranged in rows alternating with rows of the springs, or they may be arranged alternately with the springs, according to the degree of flexibility or elasticity the bed is to have. As the plates and their connecting-springs, it will be seen, are detachable from each other, the arrangement of the plates can readily be varied, it being the intention to furnish a sufficient number of these plates with each bed-bottom to enable the purchaser to vary or change the relative arrangement of the springs and plates in any manner which he may deem desirable.

It is obvious that my improvement is not limited in its application to bed-bottoms, but may be used in the construction of chair-bottoms, carriage-seats, settees, and for other like purposes.

I claim and desire to secure by Letters Patent of the United States—

The combination, in a spring bed-bottom, of the frame I, having staples G, staple-hooks F, double-hooked coupling-wires E, double-hooked spiral springs D, flat springs A B H, and rhombic plates C, as set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

JOHN BROWN NORTON.

Witnesses:

FRANK H. FIRMIN,
A. B. MORRIS.