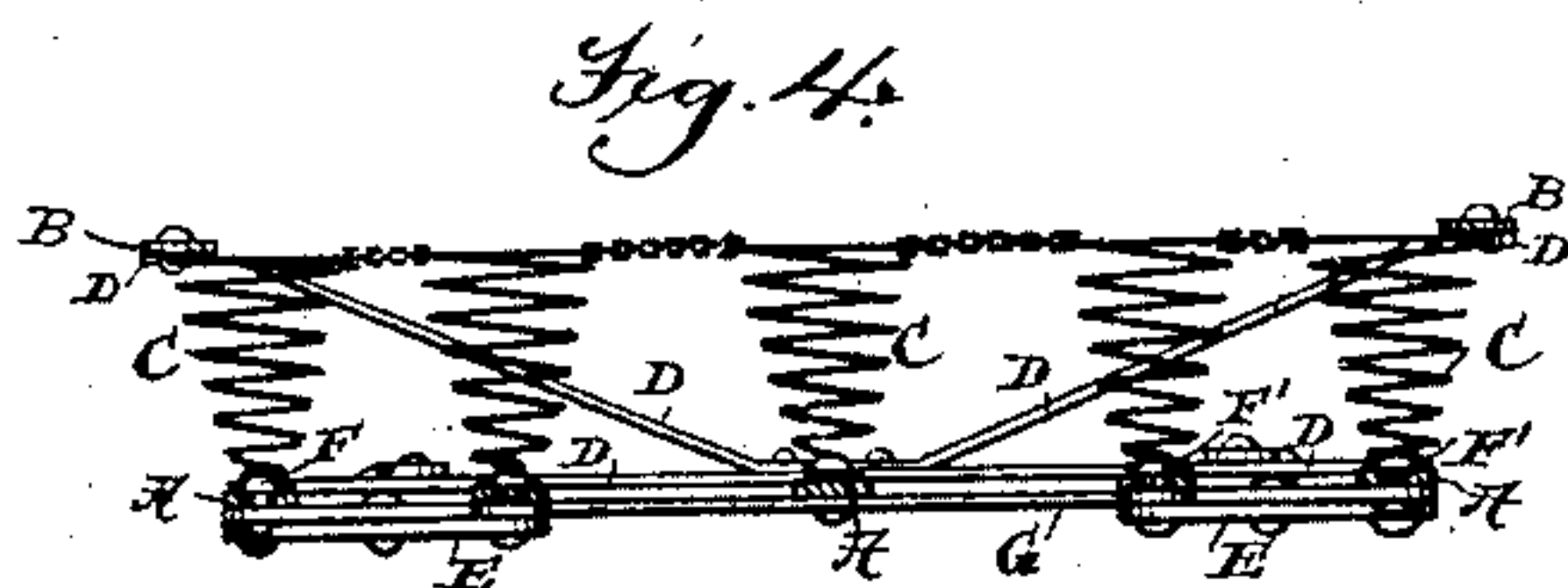
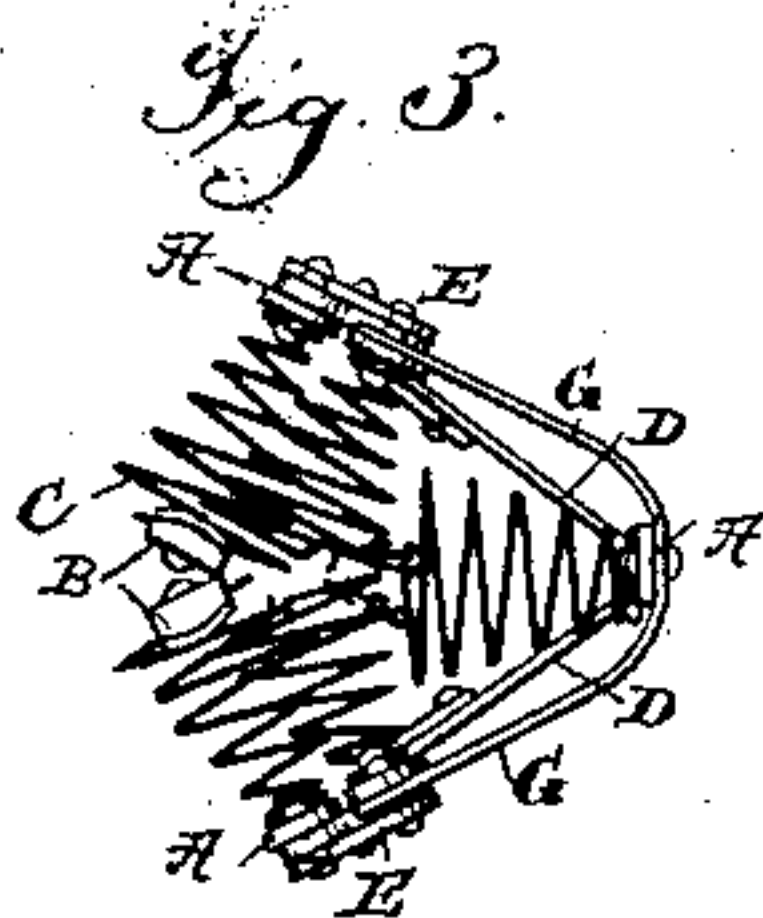
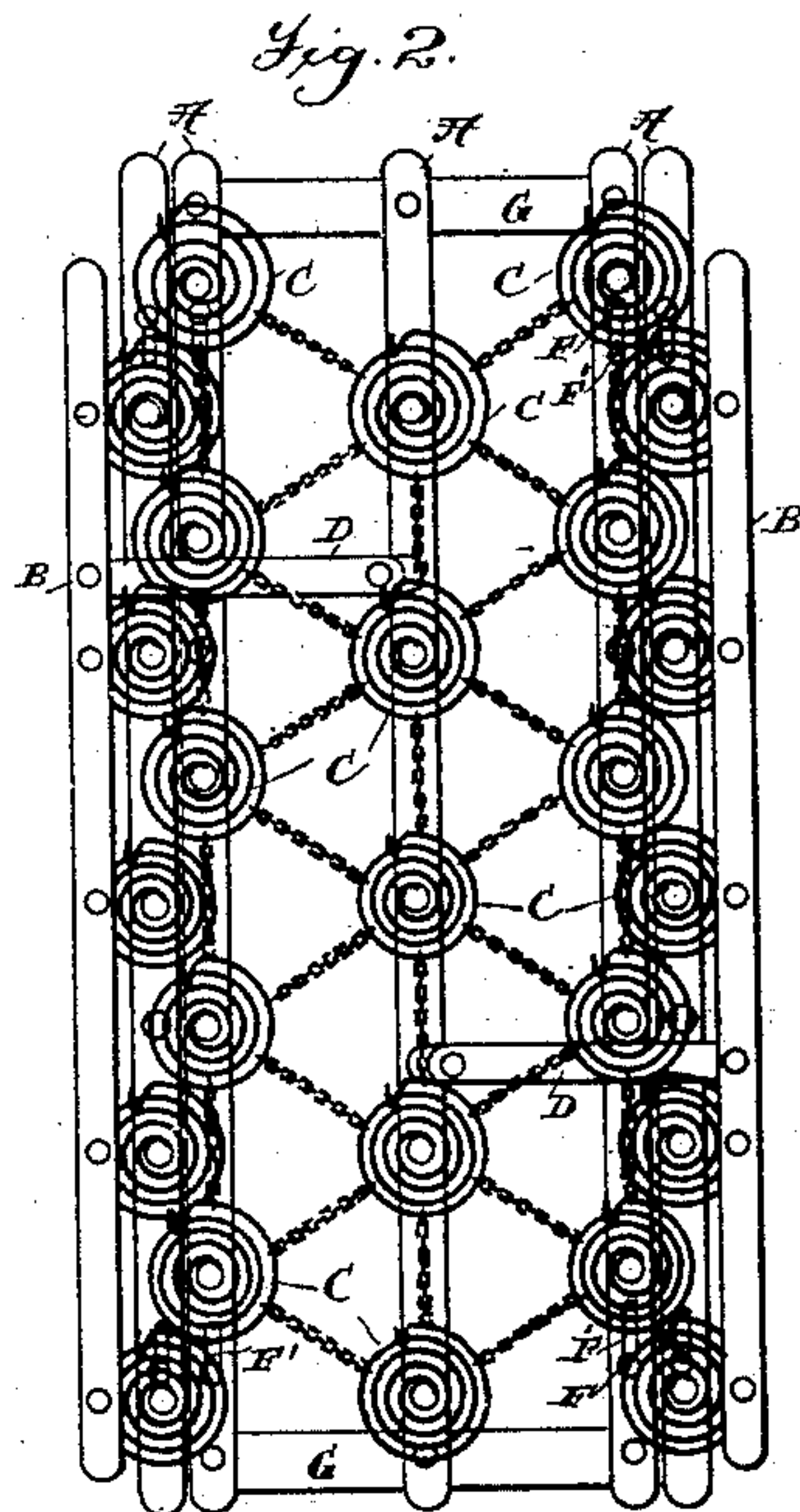
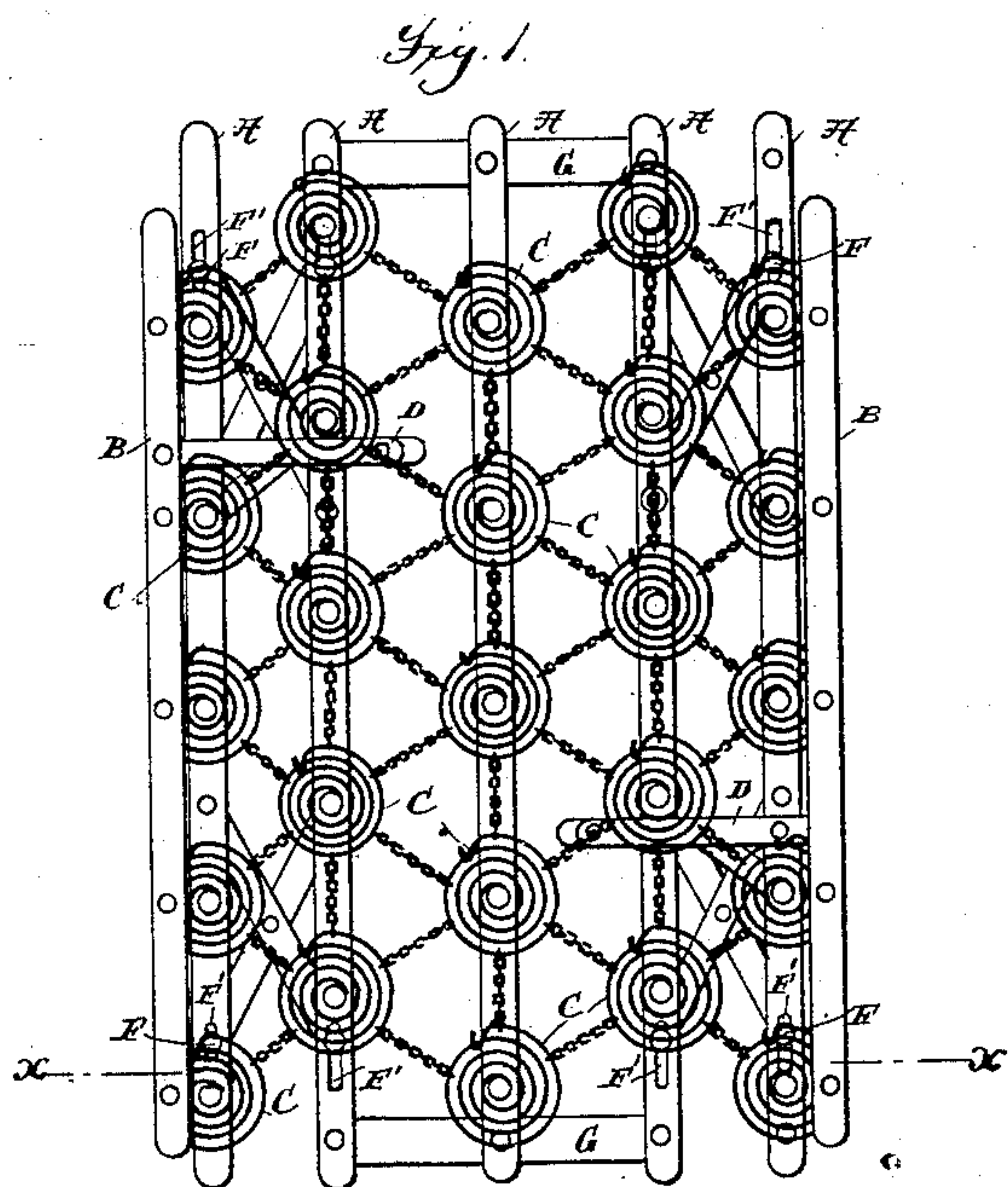


(No Model.)

R. W. HOMAN.
SPRING BED BOTTOM.

No. 353,360.

Patented Nov. 30, 1886.



Attest:

Geo. H. Roth.
Joseph M. Crane

Inventor:

Robert W. Homan

by *[Signature]*
His atty.

UNITED STATES PATENT OFFICE.

ROBERT W. HOMAN, OF BROOKLYN, NEW YORK, ASSIGNOR TO THE FARREN BROTHERS COMPANY, OF CONNECTICUT.

SPRING BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 353,360, dated November 30, 1886.

Application filed May 22, 1886. Serial No. 202,956. (No model.)

To all whom it may concern:

Be it known that I, ROBERT W. HOMAN, a citizen of the United States, and a resident of Brooklyn, Kings county, in the State of New York, have invented a new and useful Improvement in Spring Bed-Bottoms, of which the following is a specification, reference being had to the accompanying drawings, which form a part thereof,

My invention relates to that class of bed-bottoms provided with slats and coiled springs, and is intended as an improvement upon an invention upon which an application is now pending, filed by me February 2, 1885, Serial No. 156,716.

The object of my invention is to construct a slatted spring bed or mattress that shall embody therein certain folding qualities at its center, and yet be rigid to a certain extent, as well as to contain certain independent adjustments, consisting of double or cross jointed links in combination with the former, that will not only enable the manufacturer to more conveniently pack for shipping, but also enables the user to adjust the same to the varied width of frames without changing the position of the central parts. By the construction and combination of parts hereinafter described the manufacturer is enabled to produce a slatted spring-mattress that is not only adjustable by means of double cross-jointed links for various widths of bedsteads, but adapted to be folded at the center thereof for more convenient handling and packing, the central slats maintaining at all times fixed relations to each other laterally, making the extension of the adjustable links across the center unnecessary, therefore less expensive to construct.

Referring to the drawings, Figure 1 represents a top view of my improved bed-bottom open, and showing the cross-jointed links in position, and in combination with the side parallel slats, also the spring-folding connections. Fig. 2 is a top view of Fig. 1, with the slats closed and ready for folding for shipment. Fig. 3 is an end view showing the slats and spring folded for shipment, or for storing away when not in use. Fig. 4 is a sectional edge view.

In the drawings, A represents the slats arranged parallel in their relation to each other;

B, slats elevated above the others, A, at each side of the top, which not only serve to connect the rows of springs thereon, but also to prevent their tilting when such slats are connected with the lower ones by the angle or flexible brace hereinafter specified; C C, springs.

D D are flexible arms or connections, more clearly shown in Fig. 4 of the drawings, composed in this particular instance of a suitable strip of narrow springy metal bent at an angle, one end of which is secured to the top slat, B, and the other to the slat or slats A below.

E E are links of metal jointed together substantially at three points, the object of this double-jointed arrangement of links being to connect the outer slats, A, in such manner as to prevent undue end motion of the said lower slats; F, guide slide-pins; F', guideways for slide-pins; G, elastic connecting-bar for holding the center slats in position when in use.

I do not wish to be understood as claiming, broadly, an adjustable spring-bed, neither a spring-bed adapted to be folded at its center. Neither do I claim connecting slats by links, for such parts have been employed before; but

What I do claim is—

1. The combination, with a series of slats arranged parallel with each other, the center ones being secured in a fixed position by spring cross-slats rigidly secured thereto and adapted for folding, of adjustable outer slats operating in connection with the former in such a manner as to adapt the said bottom to beds of varied widths, substantially as set forth.

2. The combination, in a bed-bottom, with a series of centrally-located slats held in a fixed parallel position to each other by means of spring cross-pieces rigidly attached thereto, of connecting adjustable slats supporting a slat or side rail above, substantially as and for the purpose set forth.

3. A spring bed-bottom consisting of a series of connecting-slats, the center ones being non-yielding in respect to width, but adapted to be folded, provided with outside connecting-slats adjustably held and operated by means of cross-linked devices supporting slats or rails above, substantially as and for the purpose set forth.

4. A spring bed-bottom provided with a se-

ries of central slats rigidly secured together in respect to their lateral relation, to which also are connected outer adjustable slats held and operated by cross-linked connections supporting upper side slats, and a series of coiled springs united by chains, substantially as set forth.

5 5. A bed-bottom consisting of a series of central slats rigidly fixed in respect to their

lateral relation to each other, and supporting a series of coiled springs above, and adjustable outer side slats, and one or more angular spring-arms supporting upper side slats or rails, substantially as set forth.

ROBERT W. HOMAN.

Witnesses:

JOHN DANE, Jr.,

JOSEPH M. CRANE.