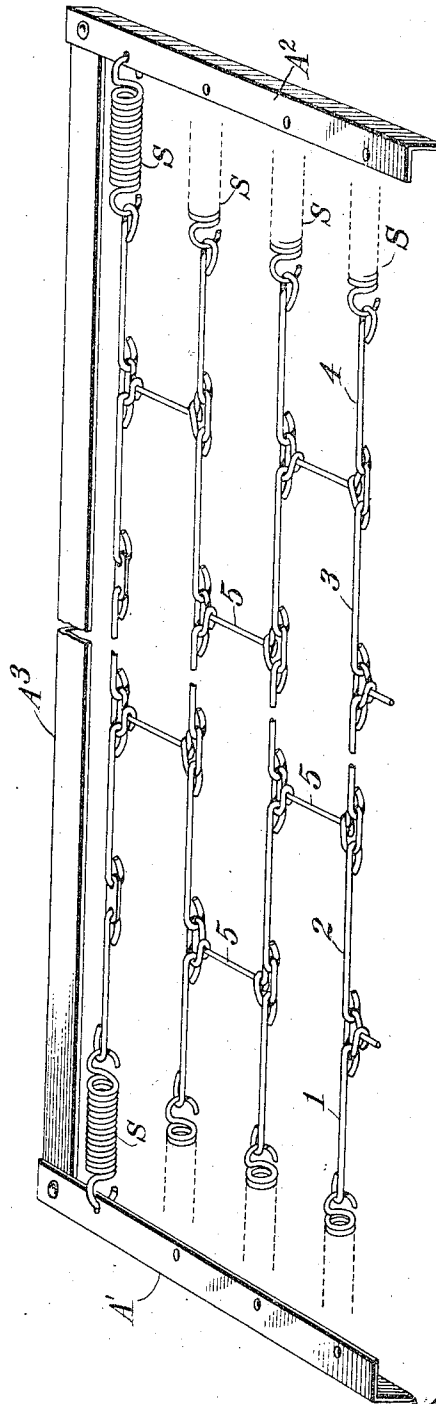


L. E. PITTONI.
 WIRE MATTRESS FABRIC.
 APPLICATION FILED APR. 6, 1910.

1,060,556.

Patented Apr. 29, 1913.



Witnesses:
L. J. Shaw
James L. Trailler

Inventor
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UNITED STATES PATENT OFFICE.

LOUIS EDWARD PITTONI, OF NEW YORK, N. Y., ASSIGNOR TO NEW YORK COUCH BED COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

WIRE-MATRESS FABRIC.

1,060,556.

Specification of Letters Patent.

Patented Apr. 29, 1913.

Application filed April 6, 1910. Serial No. 553,827.

To all whom it may concern:

Be it known that I, LOUIS EDWARD PITTONI, a subject of the King of Italy, residing at New York city, borough of Manhattan, county and State of New York, have invented certain new and useful Improvements in Wire-Mattress Fabric, of which the following specification and accompanying drawing illustrate the invention in a form which I now regard as the best out of the various forms in which it may be embodied.

My invention relates to a metallic spring mattress fabric and comprises a series of parallel, sectional wires connected across at intervals by short links which have at each end a closed non-elastic eye, the eyes of each link being engaged by hooks or loops formed on the ends of the several sections of the aforesaid parallel wires. This forms an extremely cheap and simple form of mattress fabric in which all of the contacting points are held together under tension and the fabric is therefore noiseless.

The figure is a perspective view of a portion of a mattress constructed in accordance with my invention.

In the drawing A¹, A² are the two end-bars of a mattress frame and A³ one of the side-bars. At intervals along each end-bar are attached coiled springs S, S, etc., and each opposite pair of springs is connected by a line of links 1, 2, 3, 4, forming sections of a longitudinal wire extending from end to end of the frame and parallel to similar wires arranged at intervals corresponding to the intervals between adjacent pairs of springs S, S along the end-bars. These parallel, sectional wires are cross connected at alternate intervals by cross-links 5, 5, etc. Each cross link is formed with an eye at each end formed by bending the wire into an elongated loop at right angles to the shank of the link and bending the end of the wire around the shank or straight portion of the link. This forms a closed,

inelastic eye on each end of each link 5, the intermediate portion of the link between the two eyes being straight, while the sections 1, 2, 3, 4, etc., are provided at each end with a hook or loop engaging one of the aforesaid eyes on the cross-links. This forms a fabric having a series of parallel lines of links at intervals cross connected at alternate intervals. The elasticity resides in the springs S, S, only, while all points of contact between longitudinal and transverse links are under tension and there are no loose or lightly contacting parts to scrape or rattle when the fabric is in use.

What I claim as new and desire to secure by Letters Patent is:

1. A mattress fabric comprising a plurality of rows of longitudinal links formed of wire and each being provided with end hooks, and transversely extending connecting links formed of wire and each having their ends shaped to form elongated closed eyes that are arranged at right angles to the links, each eye being adapted to be engaged by two hooks of the longitudinal links.

2. A mattress fabric comprising a plurality of rows of longitudinal links formed of wire and each being provided with end hooks, and alternately arranged, transversely extending connecting links formed of wire and each having their ends shaped to form elongated closed eyes by bending the end of the wire into a loop and twisting the free end thereof about the shank of the link, each eye being adapted to be engaged by two hooks of the longitudinal links.

In witness whereof I have hereunto set my hand, before two subscribing witnesses, this 5th day of April, 1910.

LOUIS EDWARD PITTONI.

Witnesses:

LAURA T. SHAW ERISMAN,
JAMES L. TRAITLER.