UNITED STATES PATENT OFFICE.

NATHAN MNUSKIN, OF SAN PEDRO, CALIFORNIA.

REMOVABLE-COIL BED-SPRING.

1,010,667.

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Patented Dec. 5, 1911.

To all whom it may concern:

Be it known that I, NATHAN MNUSKIN, a subject of Russia, residing at San Pedro, California, have invented a new and useful Removable-Coil Bed-Spring, of which the following is a specification.

My invention relates to a new and improved construction in springs of the class ordinarily used for beds, couches, and in upholstery.

The object of the invention is to provide a simple, durable spring composed of any desired number of coils, any one of which may be readily removed and replaced when desired.

The various features of the invention are herein fully described and are illustrated in the accompanying drawings in which—

Figure 1 is a bottom plan view of a bed spring. Fig. 2 is an inside view of a spring holder. Fig. 3 is an outside view of the same holder. Fig. 4 is a side view of one of the coils attached to the top and bottom holders.

The cross wires are shown intersecting each other at right angles and the arms of the holder are likewise placed at right angles. If more wires are used in such manner that three or more intersect at each crossing the arms are varied accordingly and their direction made to correspond with that of the wires.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

In a device of the character described: top and bottom frames; cross wires stretched between the sides and the ends of said frames; holders attached to the cross wires at each intersection, provided with lugs and lips; a plurality of coil springs adapted to be retained between said holders; and expandible rings formed on the two ends of each coil adapted to engage the lugs on the said holders.

NATHAN MNUSKIN.

Witnesses:
A. K. MARELL,
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