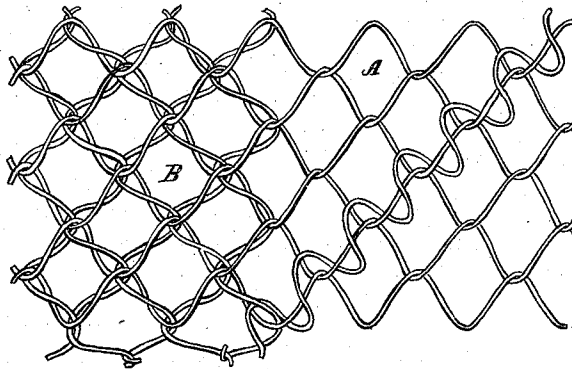


J. W. C. PETERS.
Woven Wire-Fabrics.

No. 140,160.

Patented June 24, 1873.



Witnesses.

F. H. Brown

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UNITED STATES PATENT OFFICE.

J. WILLIAM C. PETERS, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN WOVEN-WIRE FABRICS.

Specification forming part of Letters Patent No. 140,160, dated June 24, 1873; application filed November 11, 1872.

To all whom it may concern:

Be it known that I, J. WILLIAM C. PETERS, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Woven-Wire Fabric, of which the following is a full, clear, and exact description, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing, forming a part of this specification, and which represents a top or plan view of my improved fabric.

My invention relates to that class of woven-wire fabric which has heretofore been employed in lieu of mattresses, and for the purpose of supporting bedding. Fabric of this class has been made of spiral springs, woven or looped together so as to form a continuous fabric.

My invention consists in arranging above this fabric a fabric of the same class, and in weaving or looping the spirals of the superimposed fabric into the spirals of the lower fabric so as to form a continuous web, and so that the spirals of one fabric will be either at right angles to the spirals of the other or diagonally across them.

In the drawing, A represents a fabric of the class first above referred to, consisting of a series of spiral springs woven or looped to-

gether in the manner shown, so as to form a continuous fabric. B represents a fabric of the same class, arranged above the fabric A, so that the spirals of one fabric will be at right angles to the spirals of the other. Each spiral of the fabric B, besides being woven or looped into its laterally adjacent spiral, is also woven or looped into each spiral of the lower fabric, as shown, so as to form a continuous web; but the spirals of one fabric, instead of being arranged at right angles across the spirals of the other, may be arranged diagonally across them, and woven together, in the manner described, so as to form one fabric.

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

The woven-wire fabric A, made of parallel spiral springs woven or looped together in the manner shown, and forming a continuous fabric, in connection with the fabric B, made in like manner and woven into the fabric A, as specified.

J. WILLIAM C. PETERS.

Witnesses:

N. C. GRIDLEY,
F. F. WARNER.