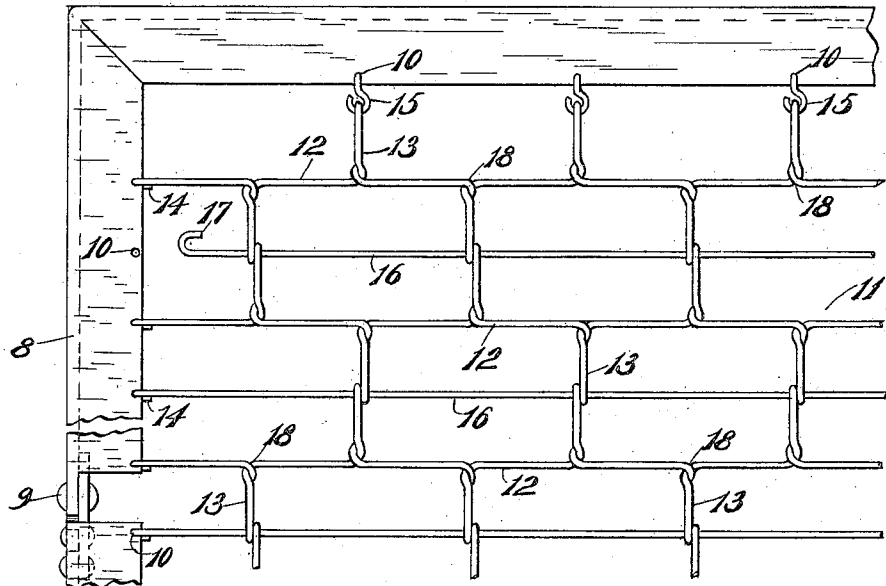


W. F. WHITE.
WIRE FABRIC.
APPLICATION FILED APR. 9, 1909.

962,541.

Patented June 28, 1910.



WITNESSES.

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WILLIAM F. WHITE, OF KENOSHA, WISCONSIN, ASSIGNOR TO BENJAMIN F. WINDSOR,
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WIRE FABRIC.

962,541.

Specification of Letters Patent. Patented June 28, 1910.

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To all whom it may concern:

Be it known that I, WILLIAM F. WHITE, residing in Kenosha, in the county of Kenosha and State of Wisconsin, have invented new and useful Improvements in Wire Fabrics, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

10 This invention relates to improvements in wire fabrics, and more particularly to that class of wire fabrics used in connection with sofa-beds and mattress frames.

15 One of the objects of this invention is to provide a wire fabric in which the individual wires forming the fabric extend longitudinally of the supporting frame in a single strand, each wire having its opposite ends connected to opposite ends of the frame.

20 A further object of this invention is to provide a wire fabric formed of long strands of wire so interwoven as to permit the fabric being folded longitudinally whereby the fabric is adapted for use in connection with folding sofa-beds. And a still further object of the invention is to provide a fabric which may be easily assembled after the individual strands of wire have been bent to shape and also easily disassembled when
25 30 desired for making repairs or for other reasons.

In the accompanying drawing the figure represents a view of a fragment of the improved fabric shown connected to a corner
35 of a foldable mattress frame, one of the connecting members being unhooked from the frame and partly withdrawn.

Referring to the drawing, the numeral 8 indicates a fragment of a mattress frame, and 9 one of the hinge joints thereof. The frame is formed of angle iron and the inner portion of the horizontal flange near the edge is provided with a plurality of openings 10 adapted to accommodate the ends
40 45 and the side connections of the wire fabric 11. The fabric is formed of a series of strands of wire 12 provided with looped portions 13 extending at right angles to said

strand and positioned alternately on each side thereof. The ends of these strands are bent to form hooks 14 which are adapted to hook into the angle frame through the openings. The loops of the strand closest to the side angle of the frame are connected thereto by hook members 15 which may be of any shape desired. The looped strands are positioned adjacent to each other in parallel lines with the loops close together and overlapping and straight connecting members 16 provided with hooked ends 17 are adapted to be inserted through the eyes of the overlapping loops and securely bind the strands together to form a flexible wire fabric. When the straight members are in proper position in the loops the hooked ends are inserted in the openings in the angle frame. As the straight connecting members extend longitudinally of the frame and parallel with the axis of the frame hinge the fabric is adapted to be folded with the frame without danger of bending any of the fabric strands, and when entirely removed from the frame the fabric may be folded into a very small space for shipment or storage. It will be noted that the strands of wire forming the loops are given a short bend in overlapping as indicated by the numeral 18 in order to provide a hook-like engagement of the portions of the strands at the junction of the loops with the straight portions of the strands in order to prevent stretching or straightening out of the strands at this point.

From the foregoing description, it will be seen that a wire fabric is provided which is very simple in construction and contains but a minimum number of pieces. It is strong and durable and well adapted for the purposes described.

What I claim as my invention is:

A wire fabric, comprising strands of wire extending from one end of the fabric to the other in approximately straight parallel lines but having loops bent therein at intervals and extending laterally therefrom alternately in opposite directions, the bends of

said looped strands at the point of junction of the loops with the straight portions thereof forming interlocking hooks to prevent the spreading of the loops, and the loops of
5 each strand registering with loops of adjacent strands, and connecting strands of wire extending in approximately the same general direction as the looped strands and inserted

through the registering loops to connect the looped strands together.

In testimony whereof, I affix my signature, in presence of two witnesses.

WILLIAM F. WHITE.

Witnesses:

PETER FISHER, Jr.,
H. M. BALDWIN.