

No. 804,020.

PATENTED NOV. 7, 1905.

F. J. MAIER.  
SPRING MATTRESS.  
APPLICATION FILED JUNE 22, 1905.

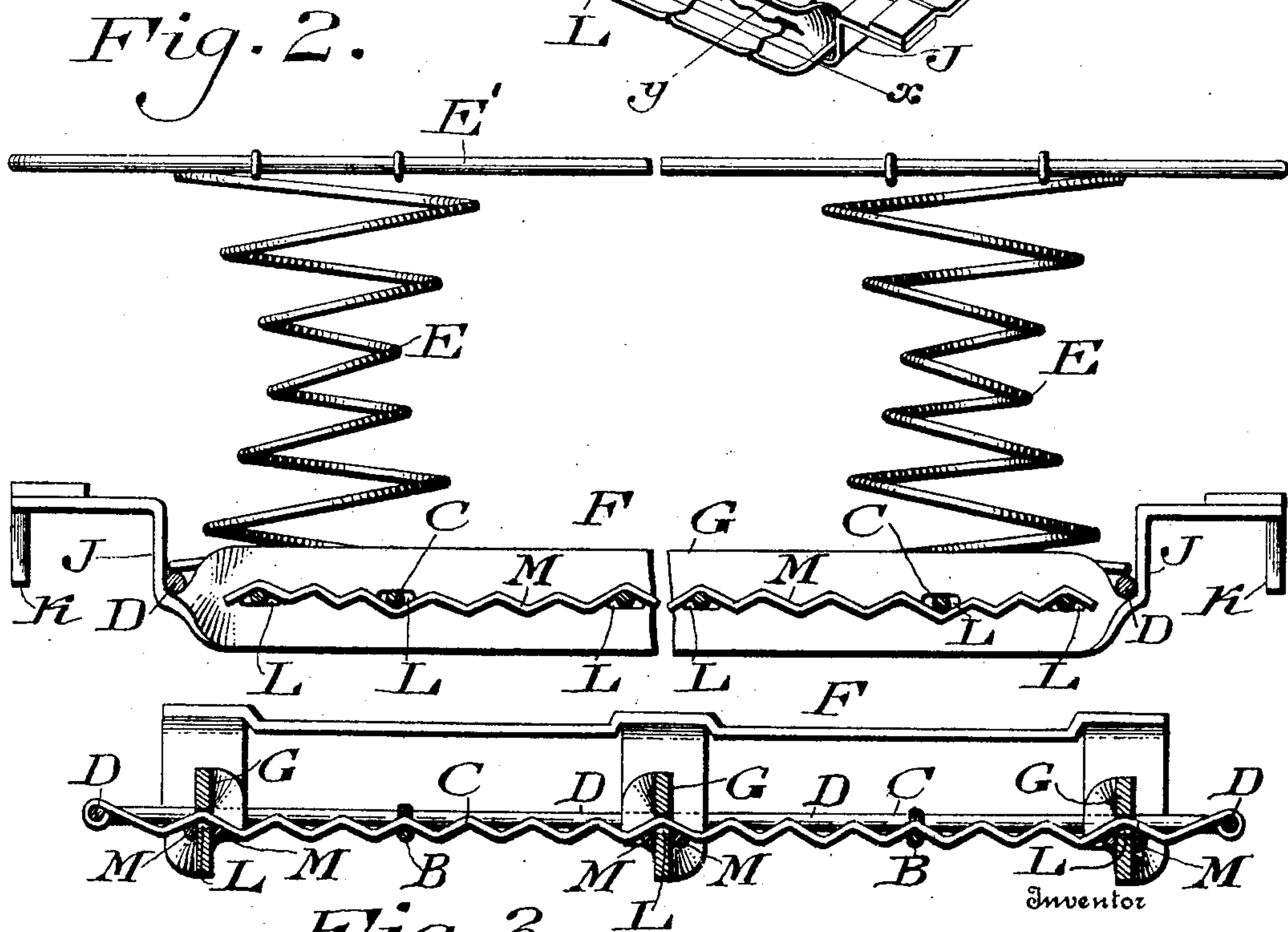
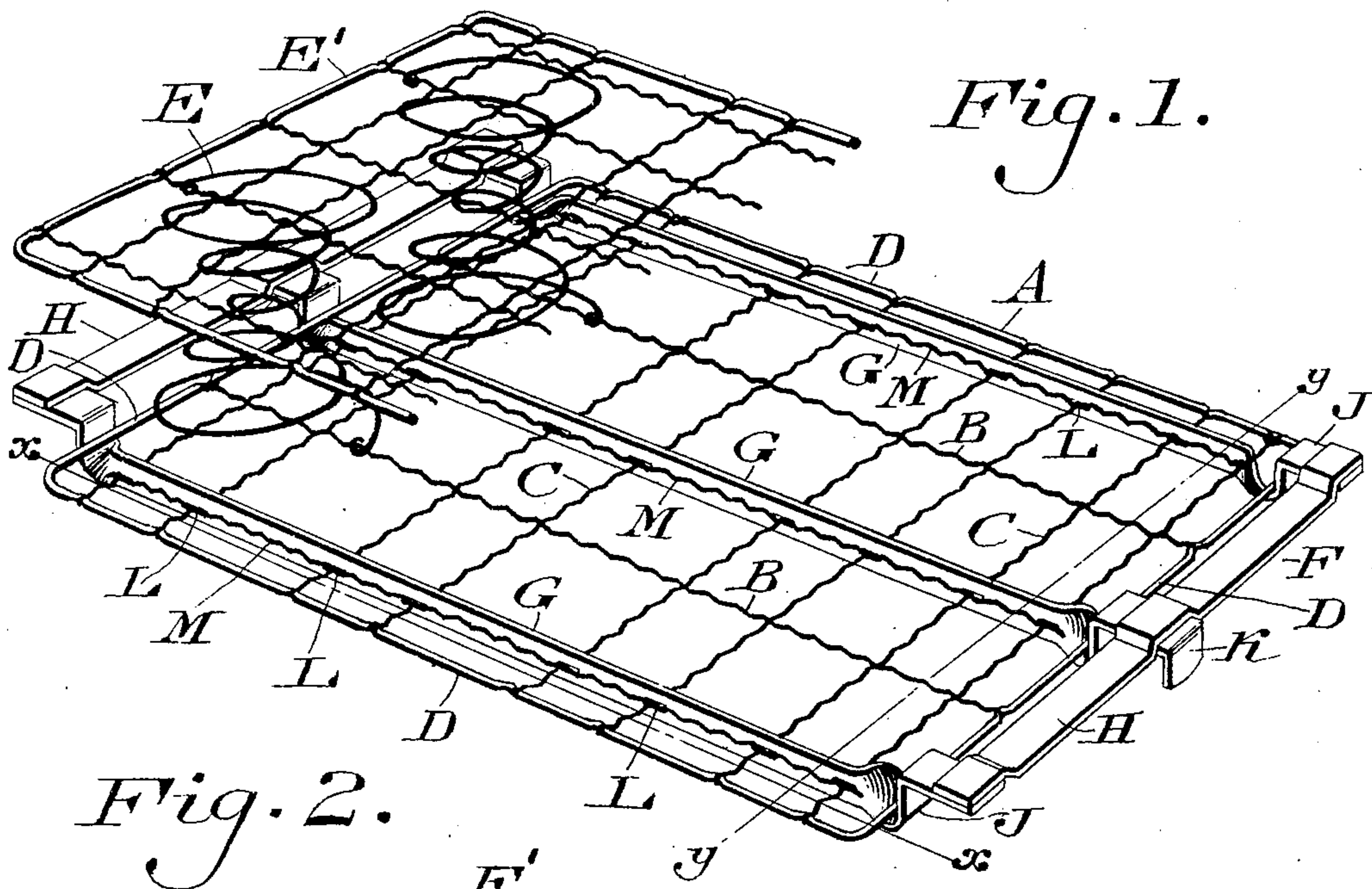


Fig. 3.

Witnesses  
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# UNITED STATES PATENT OFFICE.

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## SPRING-MATTRESS.

No. 804,020.

Specification of Letters Patent.

Patented Nov. 7, 1905.

Application filed June 22, 1905. Serial No. 266,413.

*To all whom it may concern:*

Be it known that I, FRANZ J. MAIER, a citizen of the United States, residing at Royersford, in the county of Montgomery, State of Pennsylvania, have invented a new and useful Spring-Mattress, of which the following is a specification.

My invention relates to a spring-mattress; and it consists of a frame on which the springs proper are supported and a suspension-frame which is united to the spring-supporting frame and provided with means for bracing and stiffening the connection of said frames and preventing shifting of the same one on the other.

Figure 1 represents a perspective view of a spring-mattress embodying my invention. Fig. 2 represents a longitudinal vertical section thereof on line *x x*, Fig. 1, on an enlarged scale. Fig. 3 represents a transverse vertical section on line *y y*, Fig. 1, on an enlarged scale.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates the bottom frame of a spring-mattress, the same consisting of the longitudinally-extending crimped wire rods B, the transversely-extending wire rods C, and the wire rim D, the said parts being suitably connected and supporting the coil-springs E and top frame E', as usual in such cases.

F designates an auxiliary frame, the same being adapted to suspend the mattress from the bedstead and composed of the longitudinally-extending upright slats or bars G and the transverse bars H at the ends thereof, the latter being provided with shoulders J and hooks K for supporting said frame F, and consequently the mattress, on the rails of the bedstead.

It will be noticed that the cross-rods C of the frame A pass freely through openings L in the bars G; but in order to secure said rods to said bars I employ the crimped rods M, which are placed on opposite sides of the bars G and engage with the crimps of the rods C, thus interlocking said rods C with said rods M, and consequently with the bars G, and bracing and stiffening the frame A in its con-

nection with the auxiliary frame F and securely attaching the wires C with the bars G, while also preventing shifting of the frame A on the frame F, and vice versa.

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

1. In a spring-mattress, a plurality of frames, a transversely-extending member of one frame being connected with a longitudinally-extending member of the other frame and means for interlocking said members and preventing lateral shifting of either frame.

2. In a spring-mattress, a spring-supporting frame, an auxiliary suspension-frame, the transversely-extending members of the first-named frame passing through the longitudinally-extending members of the second-named frame, and means on said longitudinally-extending members adapted to interlock said transversely-extending members therewith.

3. In a spring-mattress, a spring-supporting frame, an auxiliary suspension-frame, said frames being connected and means on a longitudinally-extending member of said suspension-frame adapted to interlock a transversely-extending member of said spring-supporting frame therewith.

4. In a spring-mattress, a plurality of frames, a transversely-extending member of one frame being connected with a longitudinally-extending member of the other frame and means for interlocking said members and preventing lateral shifting of either frame on opposite sides of said longitudinally-extending member.

5. In a spring-mattress a spring-supporting frame, a suspension-frame connected therewith, a longitudinally-extending member of said suspension-frame engaging a transversely-extending member of said spring-supporting frame, and a piece adapted to interlock said transversely-extending member and prevent shifting of said frames, one on the other.

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Witnesses:

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