(No Model.)

G. MAFERA.

SPRING BED.

No. 566,781. Patented Sept. 1, 1896.

FIG. 1.

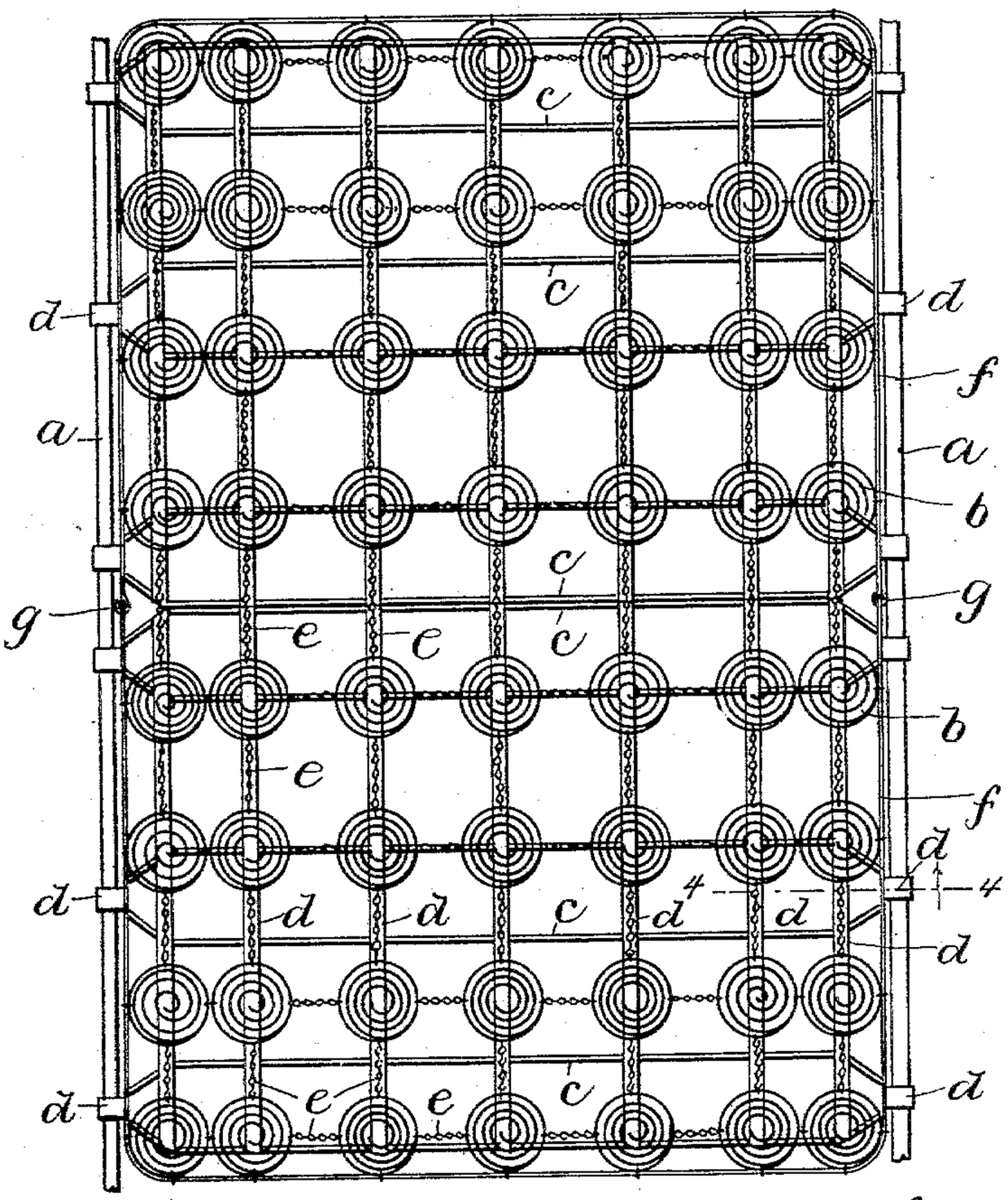


FIG. 2.

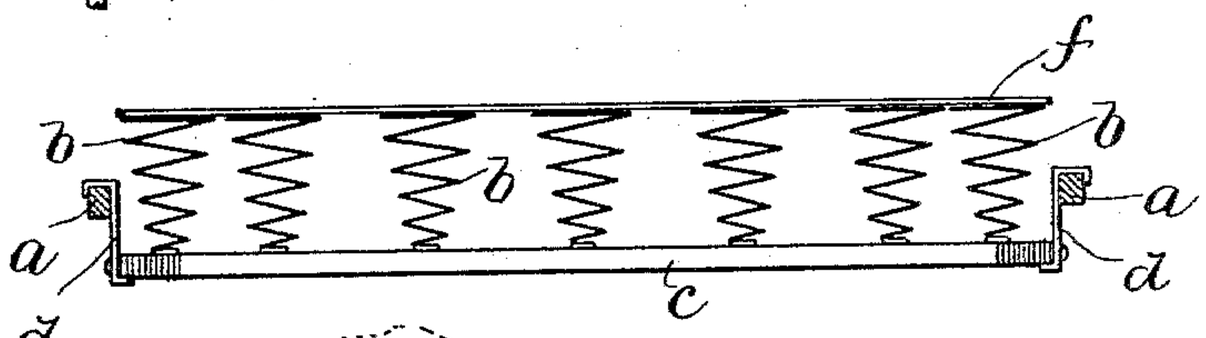


FIG. 3.

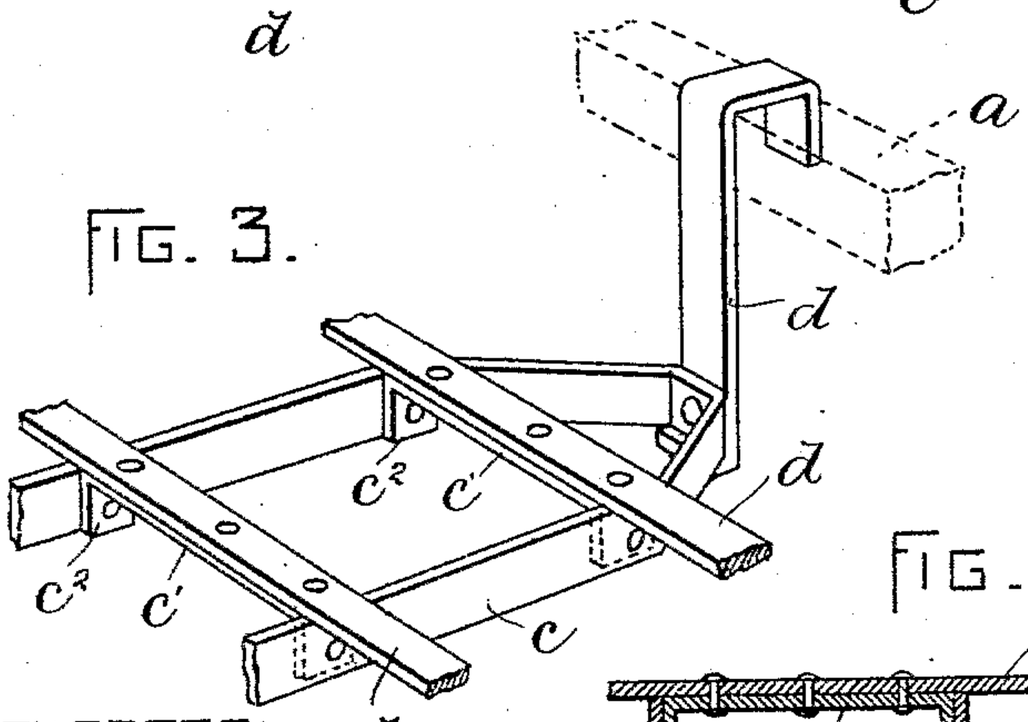


FIG. 4.

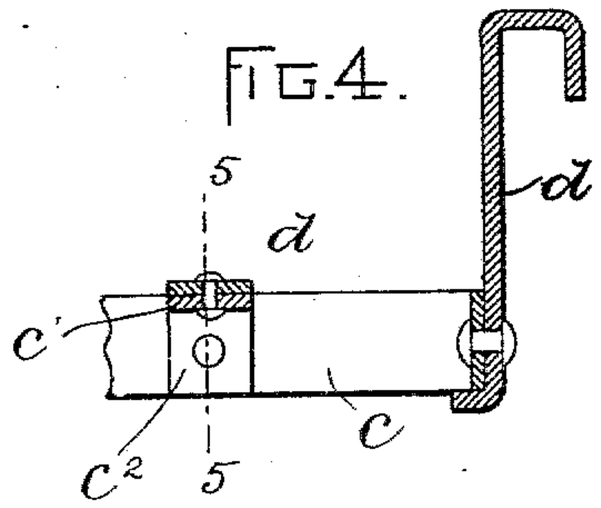
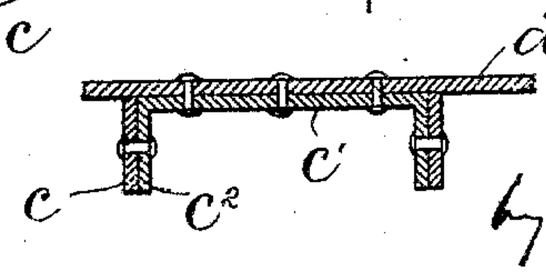


FIG. 5.



WITNESSES:
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UNITED STATES PATENT OFFICE.

GUY MAFERA, OF BOSTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO JOHN RENNISON & CO., OF SAME PLACE.

SPRING-BED.

SPECIFICATION forming part of Letters Patent No. 566,781, dated September 1, 1896.

Application filed May 2, 1894. Serial No. 509,758. (No model.)

To all whom it may concern:

Be it known that I, GUY MAFERA, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Spring-Beds, of which the following is a specification.

This invention relates to spring-beds of metallic construction, comprising a foundation-frame adapted to be supported by a bedstead and springs supported by said frame.

The invention has for its object to provide a light, strong, and durable spring-bed adapted to be securely engaged with the side rails of a metallic bedstead and requiring no bottom support, such as that usually afforded by transverse slats extending across a bedstead.

The invention consists in the improvements which I will now proceed to describe and claim.

Of the accompanying drawings, forming part of this specification, Figure 1 represents a plan view showing the upper side of my improved spring-bed. Fig. 2 represents an end view of the same. Fig. 3 represents a perspective view of a portion of the frame of the bed. Fig. 4 represents a section on line 4 4 of Fig. 1. Fig. 5 represents a section on line 5 5 of Fig. 4.

The same letters of reference indicate the same parts in all the figures.

My improved spring-bed includes a foundation or spring-supporting frame, adapted to be hung or suspended from the side bars *a a* of an iron bedstead, and springs *b*, of ordinary form, supported by said frame. My invention resides principally in the said foundation-frame, which is constructed as follows:

c c represent a series of metallic frames extending crosswise of the bed, each being composed of a metal strip set edgewise and bent to form an oblong frame of sufficient length to extend across the bed and of the angular form at its ends represented in Figs. 1 and 3. To the ends of each frame are riveted two upwardly-projecting hangers *d*, the upper portions of which are bent over to form hooks adapted to engage and rest upon the side bars *a* of the bedstead, said hangers being of sufficient height to depress the frame of the bed sufficiently below said bars to compensate for the height of the springs and the bedding. Each frame is provided with a series of cross-pieces *c'*, the ends of which are bent downwardly to form ears c^2, which are riveted to the side pieces of the frames *c*.

d d represent frame-connecting bars which extend lengthwise of the bed and are riveted to and extend parallel with the cross-pieces *c'*, each bar *d* extending across and connecting several of the frames *c*. I prefer to construct the bed in two sections, so that it can be folded in compact form, each section, as shown in Fig. 1, comprising three frames *c*, and the corresponding cross-pieces, hangers, and connecting-strips, the frames at the inner ends of the two sections bearing against each other, as shown in Fig. 1. The springs *b* are affixed at their lower ends to the bars *d* in any suitable way and are preferably connected at their upper ends by chains or other flexible connections *e* and at their margins by frame-sections *f f*, which are jointed or hinged together at *g g*.

The arrangement of the springs and the means above described for connecting and supporting their upper ends form no part of my present invention.

It will be seen that the described construction constitutes a strong, light, and durable spring-bed and can readily be applied to and removed from an iron bedstead of the simplest form and requires no support between the side bars of the bedstead.

I claim—

A foundation cross-piece or slat for spring bed-bottoms, composed of a strip of metal set edgewise and formed into an oblong frame; braces or parts joining the side bars of the frame; and hooks fastened to the ends of the frame and adapted to take over the side rails of a bedstead.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 5th day of April, A. D. 1894.

GUY MAFERA.

Witnesses:
ARTHUR W. CROSSLEY,
A. D. HARRISON.