

(No Model.)

2 Sheets—Sheet 1.

S. FULTON.

MATTRESS.

No. 322,366.

Patented July 14, 1885.

Fig. 1.

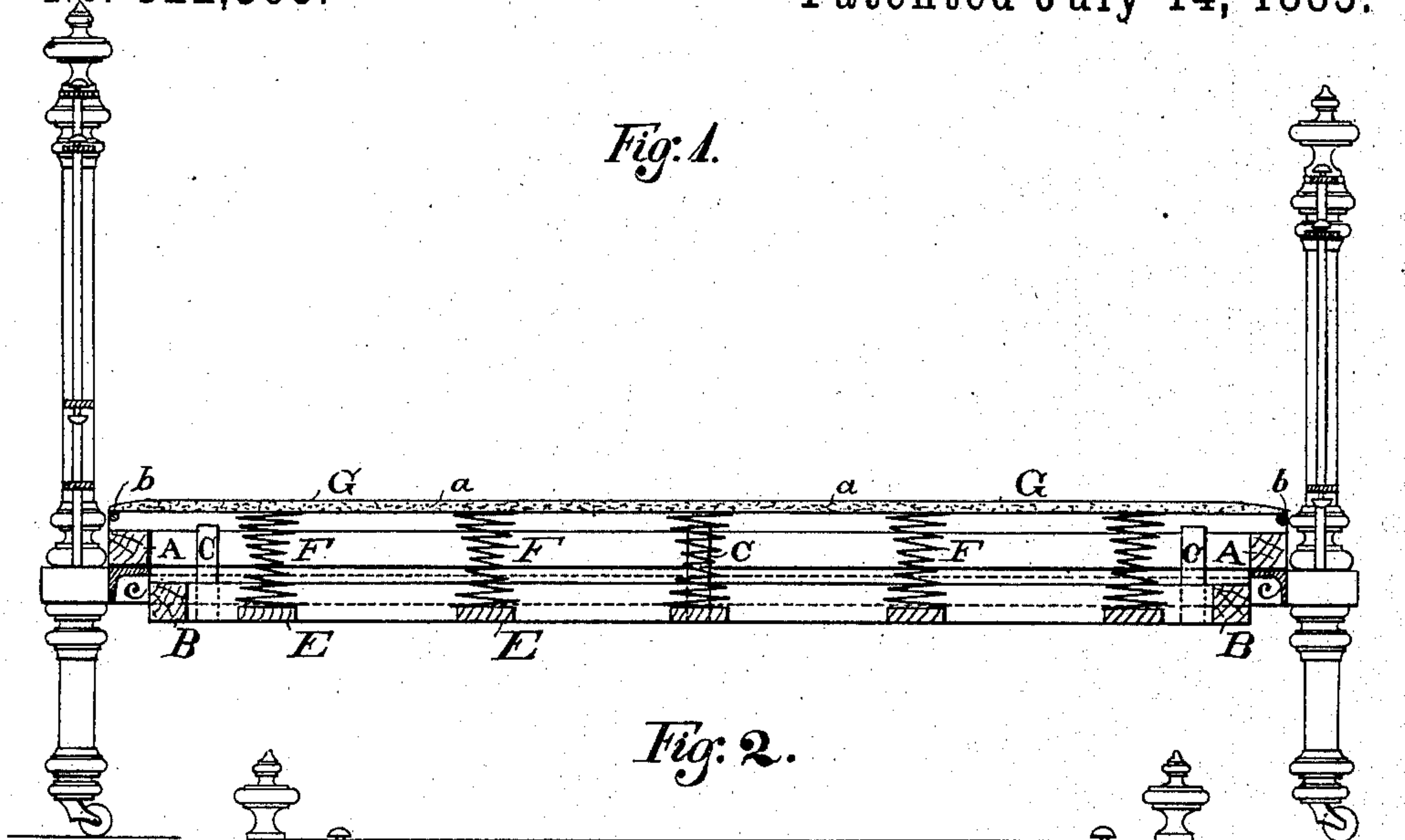


Fig. 2.

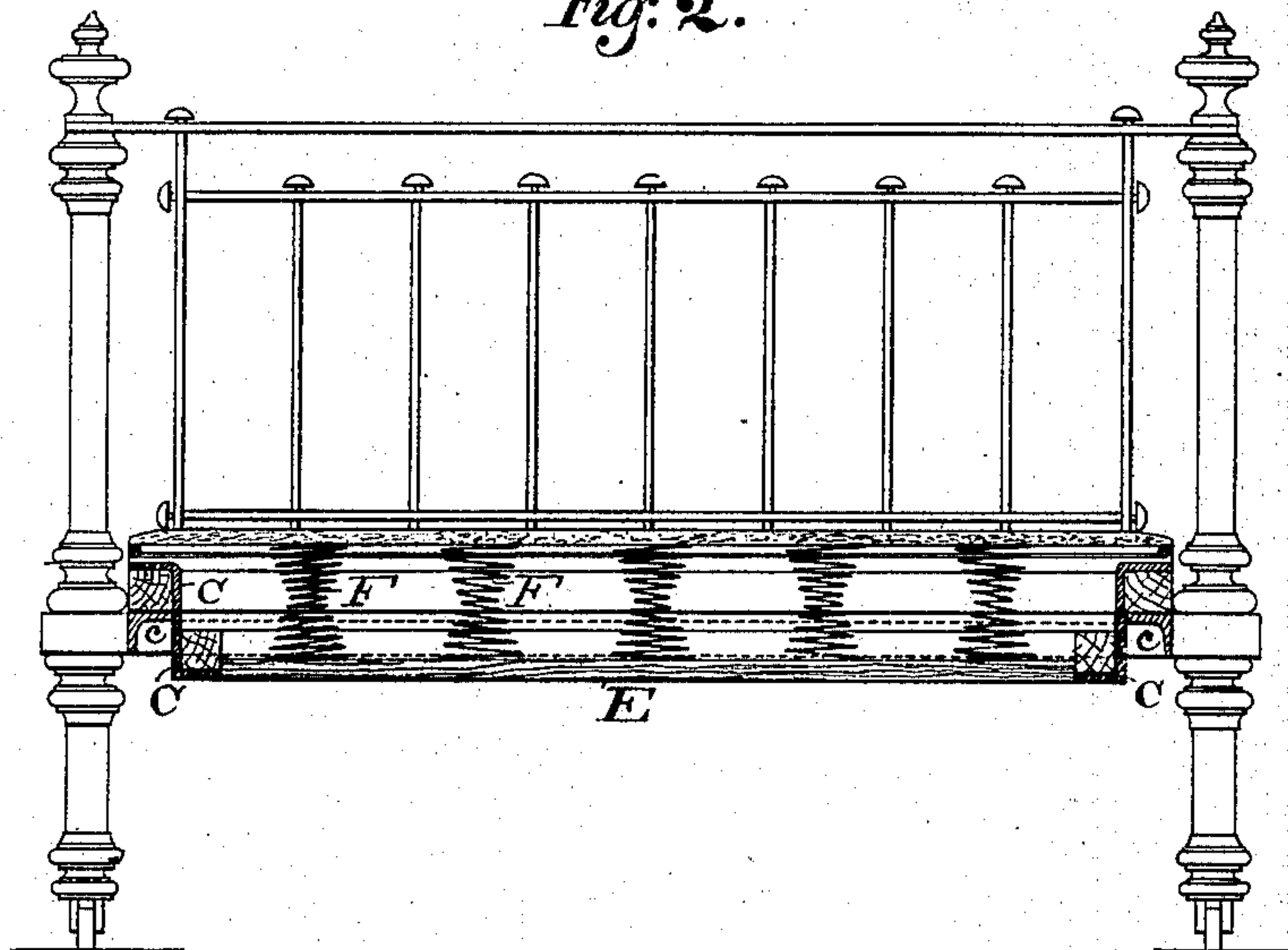
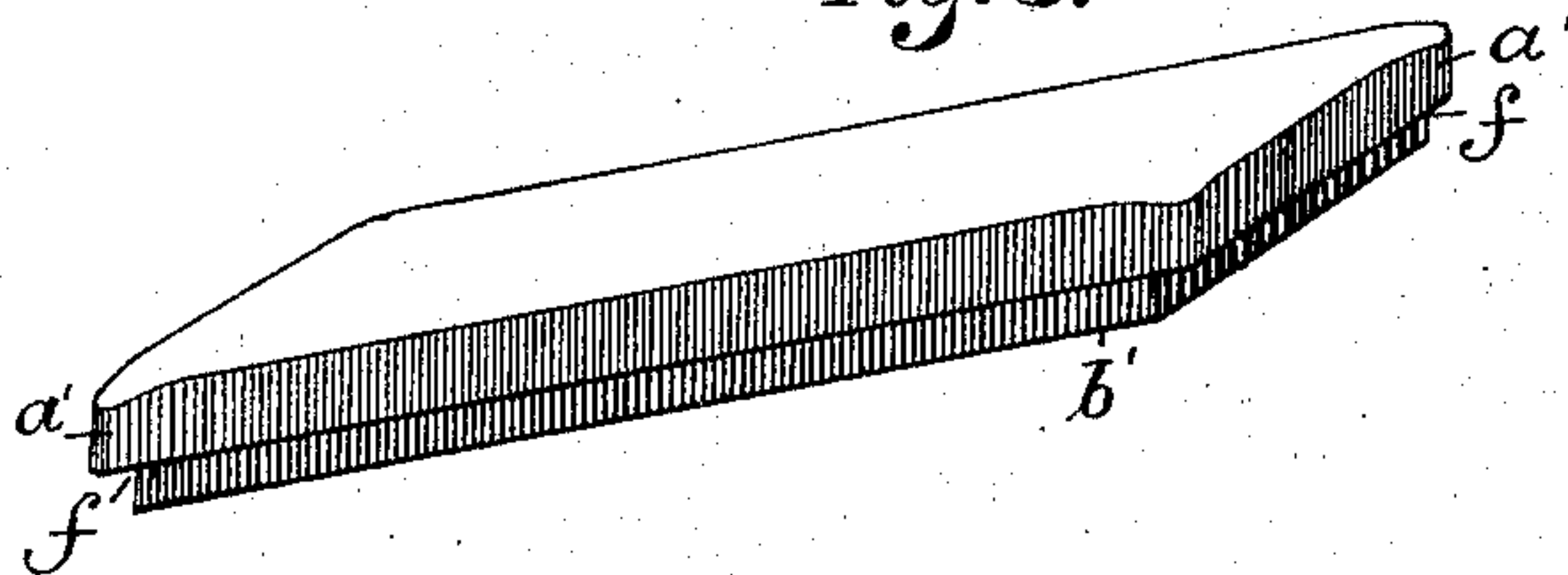


Fig. 3.



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2 Sheets—Sheet 2.

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Fig. 4.

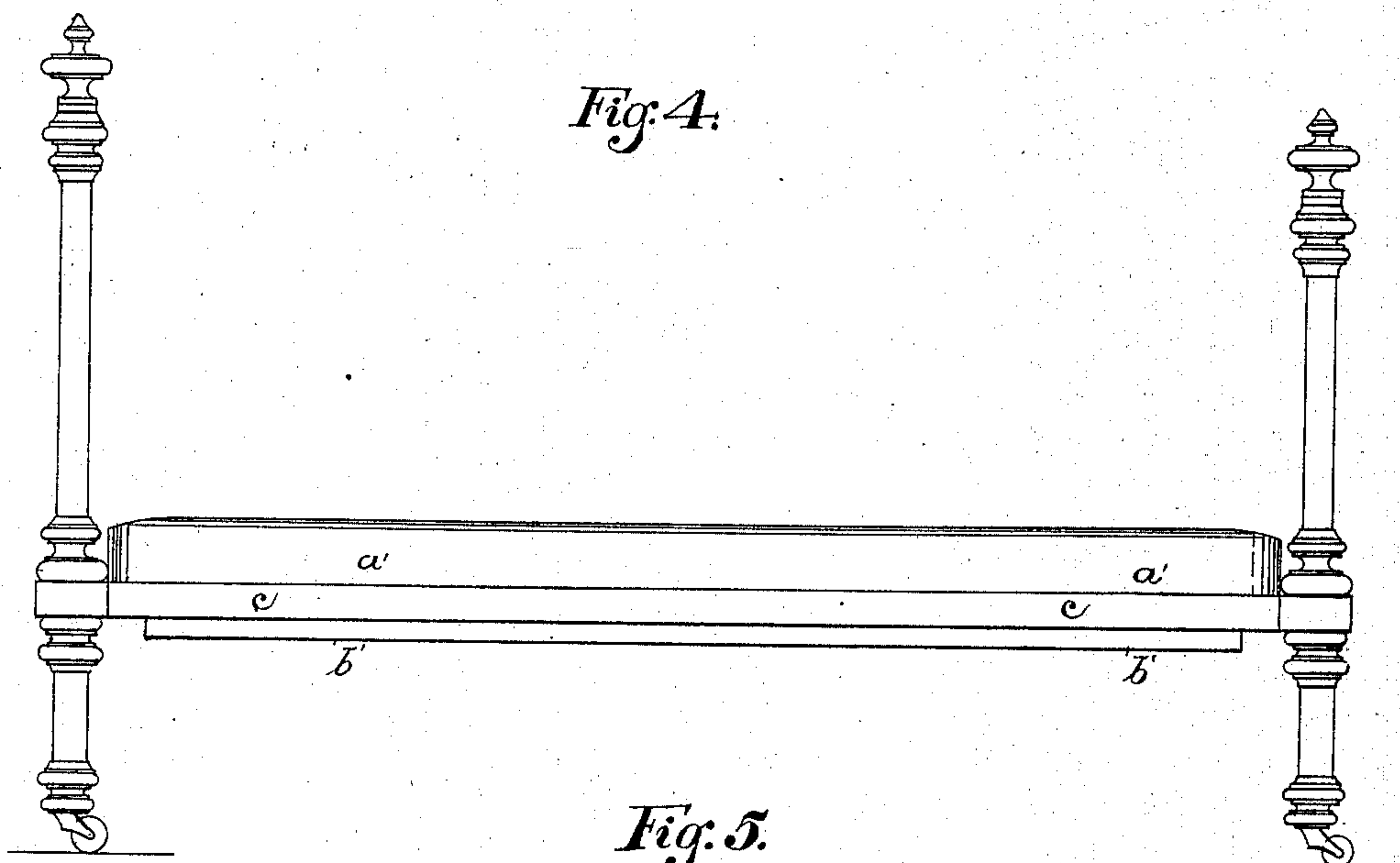
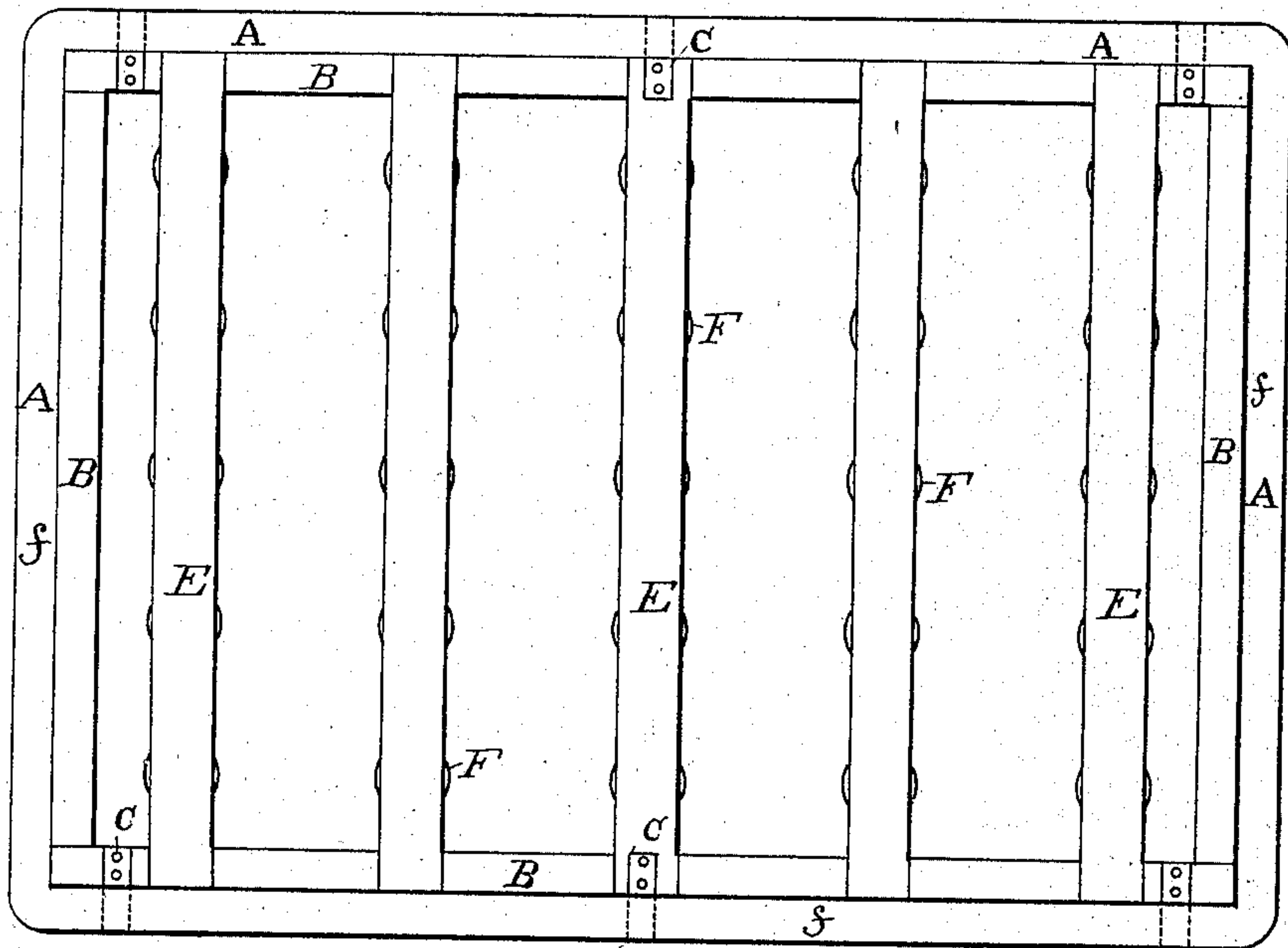


Fig. 5.



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UNITED STATES PATENT OFFICE.

SAMUEL FULTON, OF BROOKLYN, NEW YORK.

MATTRESS.

SPECIFICATION forming part of Letters Patent No. 322,366, dated July 14, 1885.

Application filed May 12, 1884. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL FULTON, of Brooklyn, in the county of Kings and State of New York, have invented an Improvement in Mattresses, of which the following is a specification.

The object of this invention is to provide a mattress which, when placed in position upon a bedstead or equivalent support, will maintain all the advantages incident to the usual or normal thickness of the mattress itself, without the undesirable height incident to the use of mattresses of ordinary construction. This object I accomplish by means of my said invention, which comprises a mattress having a rabbeted circumference so formed and arranged that when the mattress is placed in position upon a bedstead the lower portion thereof will sink within or below the rails of the bedstead, thereby permitting only a small portion of the thickness of the mattress to extend above the rails, so that by this means no material additional height is given to the bed by the placing of the mattress upon the bedstead, and the bed, considered as a whole, is made much more compact than if the mattress were placed bodily upon the rails with its whole thickness extended above the same.

Figure 1 is a vertical longitudinal sectional view. Fig. 2 is a vertical transverse sectional view; and Fig. 4, a side view, constructed and applied to a bedstead according to my invention. Fig. 5 is an inverted plan view of the mattress, and Fig. 3 is a perspective view of the same on a smaller scale.

A is the upper circumferential frame of the mattress, made of wood or other suitable material. B is the lower circumferential frame thereof, of less diameter and width. This lower frame is connected with the upper by iron hangers C, attached to the frames, respectively, by screws or other suitable means, in such manner that the lower frame is suspended from the upper. Any desired number of these hangers C may be used, as, for example, three on a side, as indicated in Fig. 1.

Attached to the lower frame, B, are cross-bars E, which support spiral springs F, the upper ends of which are connected by any

suitable lacing or other means ordinarily used for connecting the tops of springs and spring-beds, and have placed above them the usual top, G, composed of any suitable fabric or fabrics, and either with or without a topping or filling of hair or other material, as indicated at *a*. The edges of this top may be attached to the usual border, *b*, which is itself connected with the upper frame, A, in the same manner that the spring-border is usually attached to the circumferential frame in an ordinary mattress.

The width and length of the frame B bears such relation to the dimensions of the frame A that when the mattress is applied to the bedstead the frame A will rest upon the rails thereof with the frame B—that is to say, the lower part of the mattress depressed between the said rails and extending, when desired, below said rails as more fully represented in Figs. 1, 2, and 4.

It is of course to be understood that, so far as concerns the principal feature of my invention, I do not limit myself to the precise construction of the parts herein shown or the precise means of connecting said parts together, the essence of my invention consisting in a mattress circumferentially rabbeted in such manner that while its upper portion may be supported by the bedstead, its lower and depressed part will be suspended from its upper portion and situated below the level of the top of the frame of the bed.

It will be observed that the mattress constructed to be placed upon the bedstead, as aforesaid, has as its most characteristic feature the deep rabbet *f* around its circumference, so that a circumferential shoulder, *a'*, is formed above for resting upon the rails *c* of the bedstead, while the lower portion, *b'*, is suspended between and below said rails.

It is of course to be understood that a suitable casing of canvas, ticking, or other suitable fabric may be placed around the mattress when desired.

What I claim as my invention is—

1. As a new article of manufacture, a mattress for bedsteads the circumference of which is rabbeted to enable it to be supported at its upper part by the rails of the bedstead

with its lower part suspended between said rails, all substantially as and for the purpose herein set forth.

2. The combination of the upper frame, A, the lower frame, B, of smaller dimensions, suspensory hangers C, bars E, and springs F, the frames B and A being arranged in relation with each other to provide a circumfer-

ential rabbet, *f*, to the mattress and to enable the lower part of the mattress to be suspended from the upper, all substantially as and for the purpose herein set forth.

SAMUEL FULTON.

Witnesses:

GUNVALD AAP,

JOHN H. FISHER.