

(No Model.)

2 Sheets—Sheet 1.

W. HEYNS.
BEDSTEAD.

No. 540,163.

Patented May 28, 1895.

Fig. 1.

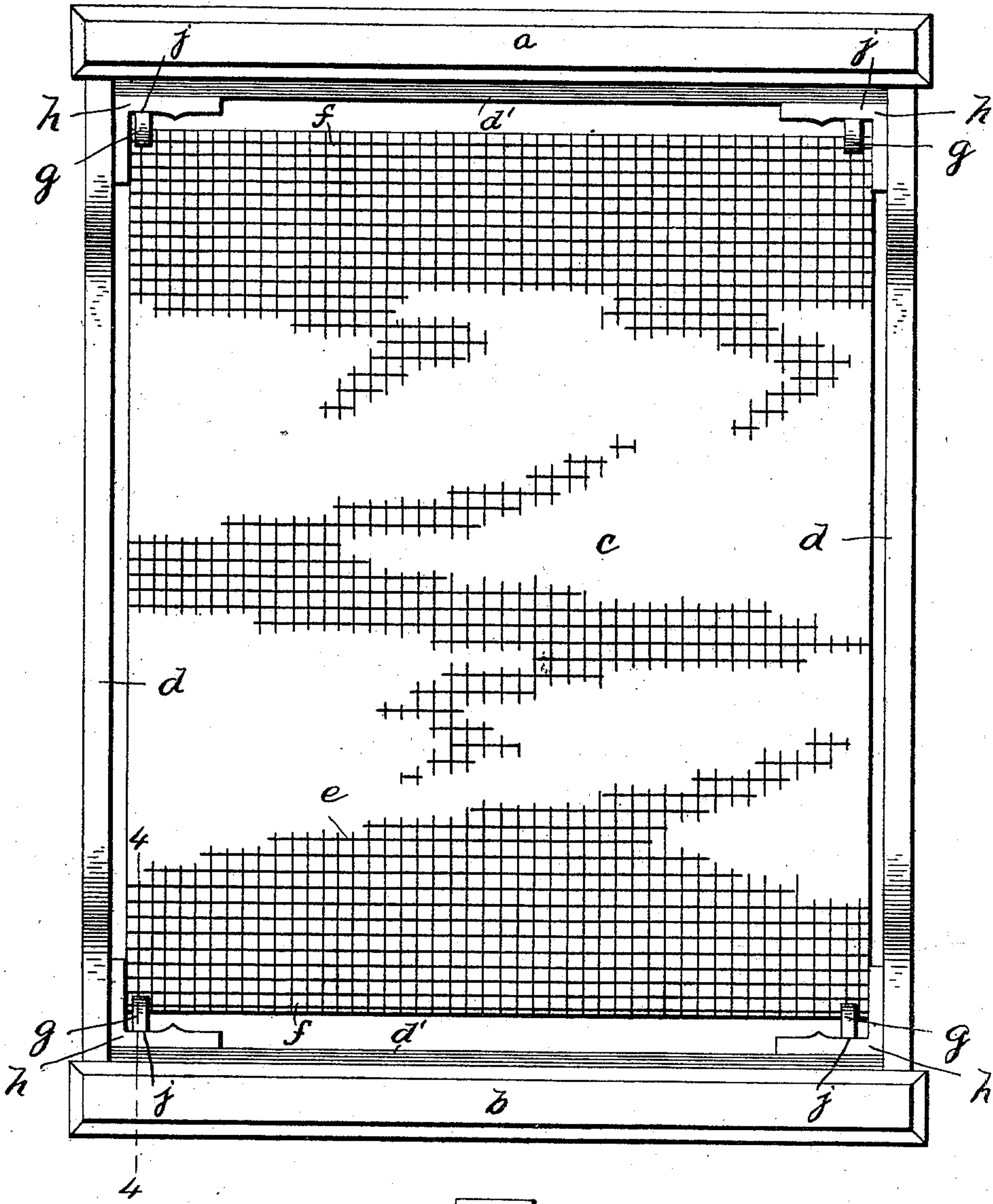
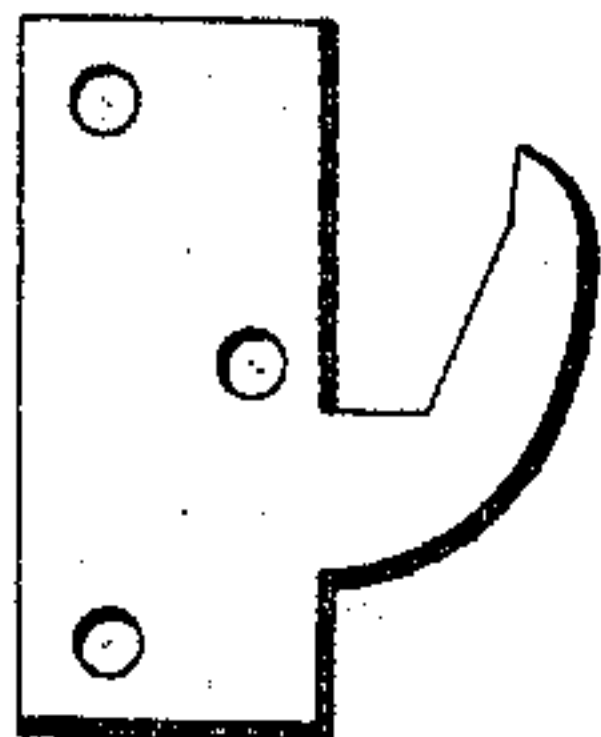


Fig. 5.



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2 Sheets—Sheet 2.

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Fig. 3.

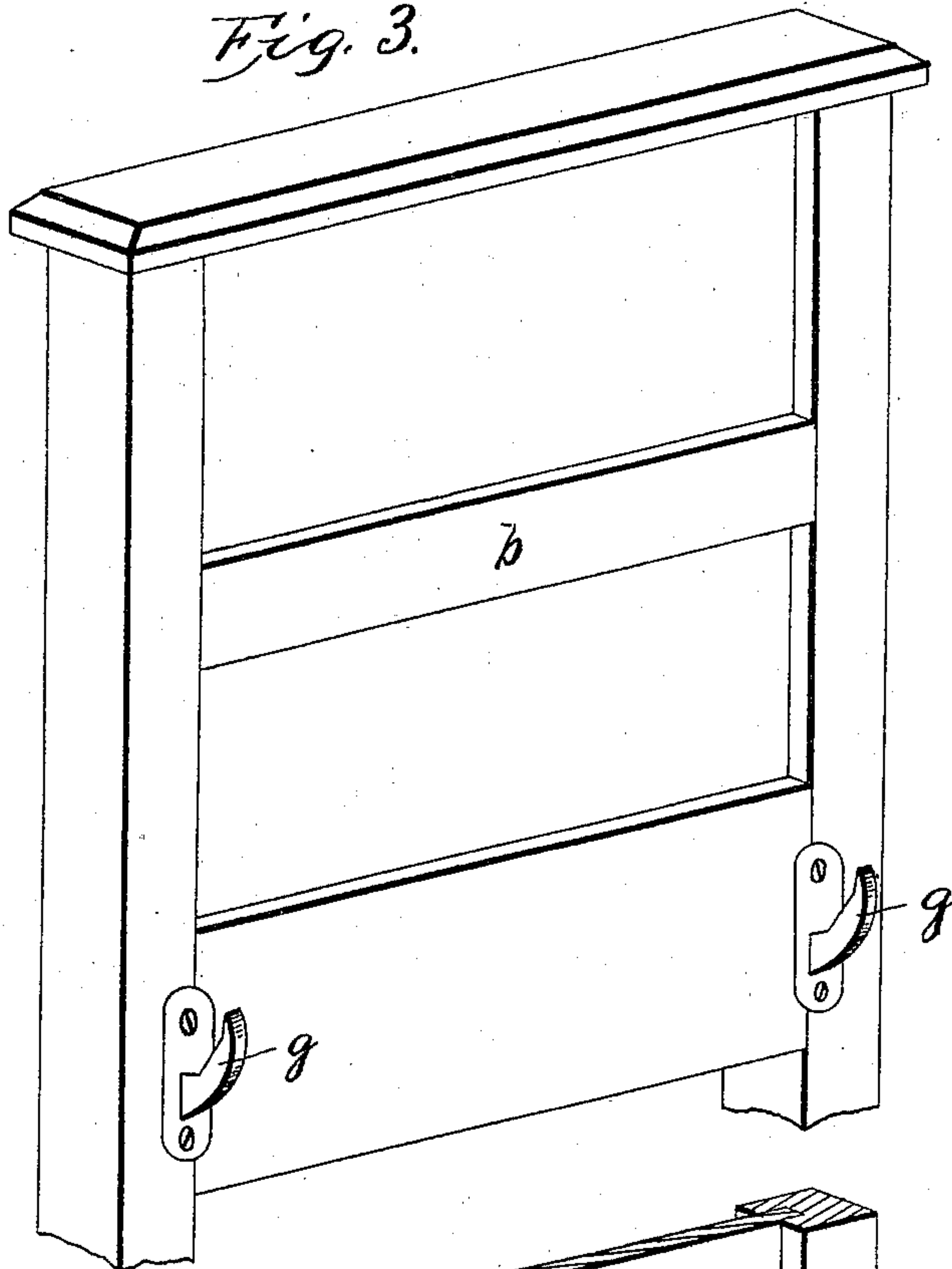


Fig. 2.

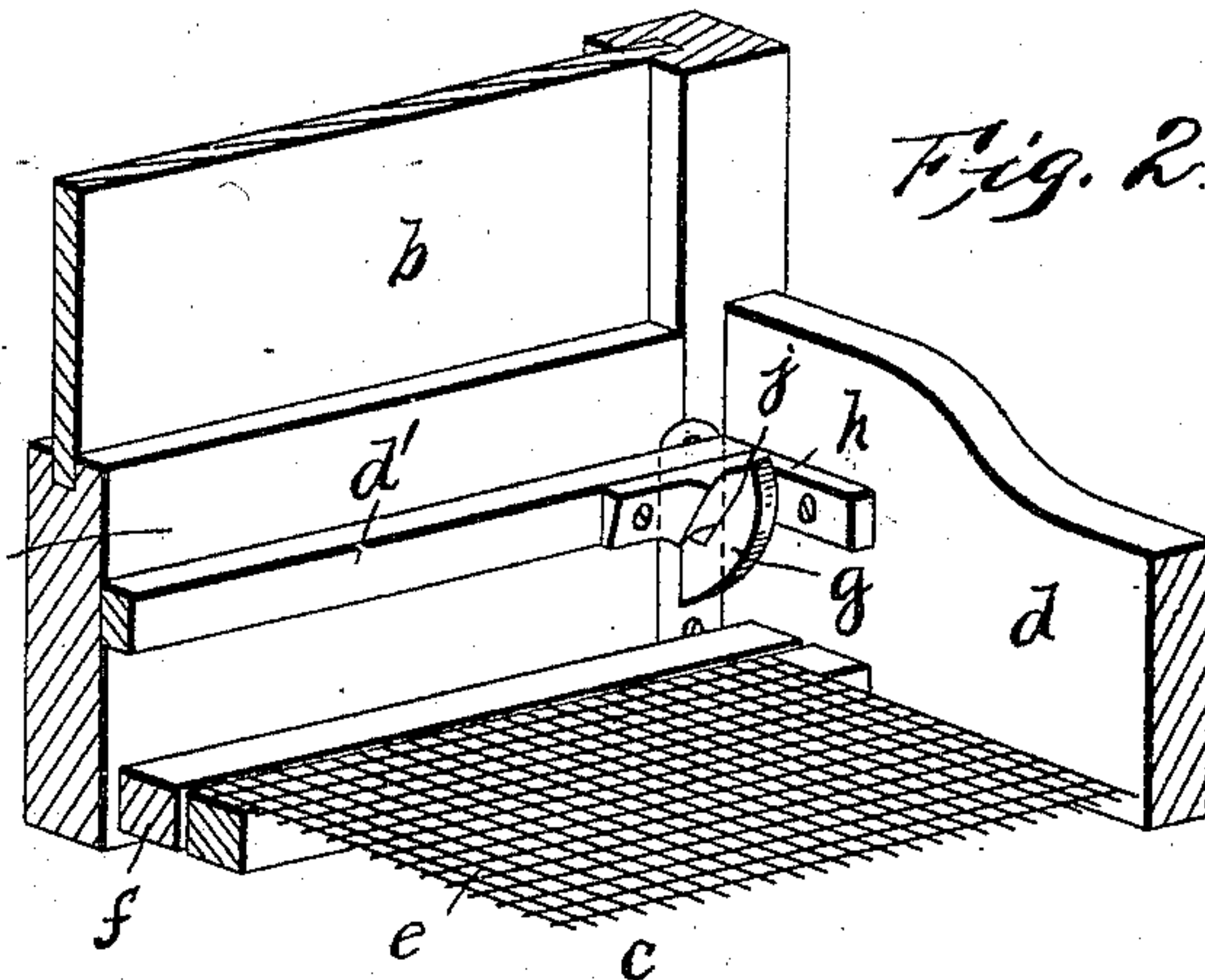
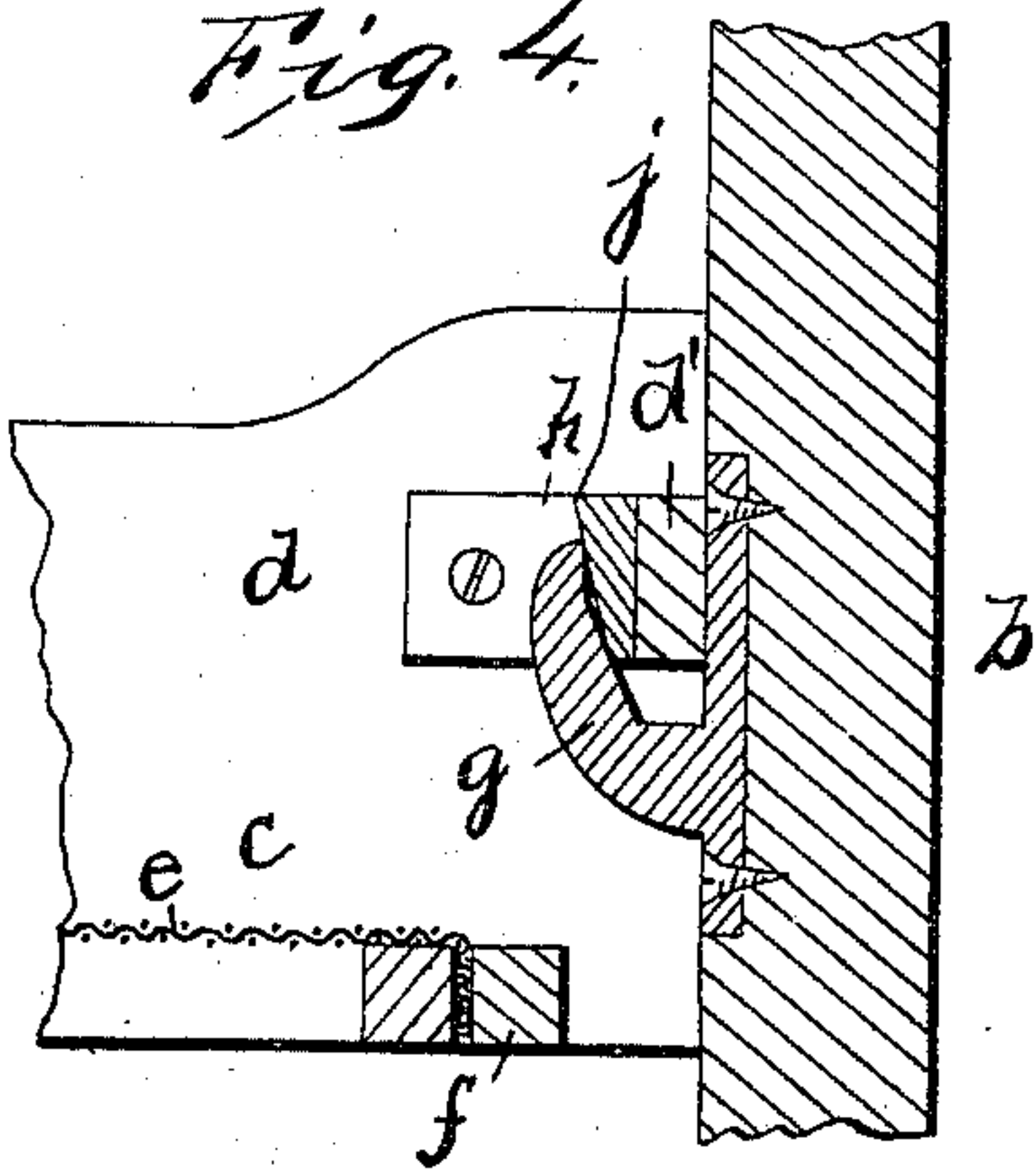


Fig. 4.



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UNITED STATES PATENT OFFICE.

WILLIAM HEYNS, OF EVANSVILLE, INDIANA.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 540,163, dated May 28, 1895.

Application filed March 4, 1895. Serial No. 540,469. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HEYNS, of Evansville, in the county of Vanderburg and State of Indiana, have invented certain new and useful Improvements in Bedsteads; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

This invention relates to certain improvements in bedsteads.

The object of the invention is to provide an improved bedstead, simple, and exceedingly strong and durable in construction and composed of a minimum number of separable and adjustable parts and which is so formed as to avoid cracks, crevices or the like which might form hiding places for insects.

The invention consists in certain novel features of construction and in combinations of parts more fully and particularly described hereinafter and pointed out in the claim.

Referring to the accompanying drawings, Figure 1 is a top plan view of the improved bedstead. Fig. 2 is a detail perspective of one end of the bedstead. Fig. 3 is a detail perspective of the foot-board, showing the supporting-hooks. Fig. 4 is a sectional view on the line 4 4, Fig. 1. Fig. 5 is a detail elevation of a modified form of hook. These hooks can be secured to the inner edge of the posts of the head and foot boards.

In the drawings, *a*, is the head board of the bedstead.

b, is the foot board; *c*, the bed bottom supporting frame composed of the sides *d*, and the connecting end pieces *d'*, so that a most strong and rigid frame is thus produced which is preferably rectangular in shape. This frame is formed to be detachably carried by the head and foot boards and to contain the bed bottom and other parts, such as the mattress, making up the bed.

The bed bottom *e*, is rigidly secured in this frame *c*, so as to form a part thereof. The bed bottom can consist of the spring wire bottom, if desired, at its ends adjustably secured

to the rigid cross bars *f*, in the lower sides of the ends of the frame.

I do not limit myself to any peculiar construction of spring or adjustable bed bottom.

The head and foot boards have the upwardly extending hooks *g*, secured to their inner faces. Each hook has a base plate counter sunk in the head or foot board and rigidly secured therein so as to leave no cracks, crevices or holes. The hook extends outwardly and upwardly from said plate with its inner face inclined so as to form a downward tapered and decreased opening between the inner face of the hook and the base thereof.

h, are angle irons secured strongly in the inner corners of the frame carrying the bed bottom. At its inner surface each angle iron is provided with the downwardly inclined way or socket *j*, to receive a tapered hook of the head or foot board. The angle irons have these inclined sockets so that the bed bottom frame will be held by the hooks rigidly against play independent of the head and foot boards and so as to be most rigidly and firmly locked thereto. The greater the downward strain on the bed bottom frame the more tightly will the head and foot boards be locked against the frame ends by reason of the inclined edges of the hooks.

Each head and foot board is provided with the two hooks arranged on opposite sides thereof so as to pass up beneath the end pieces of the frame *c*, at the corners thereof as described.

Material advantages are attained by this peculiar construction of bedstead as the entire bedstead comprises only three pieces, viz: head and foot boards and bed bottom frame.

The bedstead is much easier to put together or to take to pieces as the entire bed bottom frame drops into place at once without the strain and twisting and difficulty incident to putting together the ordinary bedsteads composed of separate sides, bottom, and a number of slats.

The bedstead is preferably rigid and maintains its position and rigidity when being pulled or pushed sidewise or otherwise around the room and does not twist or spring.

If desired the entire bed bottom frame can be made of metal instead of wood and the cor-

ner pieces having the sockets for the hooks can be attached to the metal frame or formed directly in the metal of the frame.

Having thus fully described my invention,
5 what I claim as new, and desire to secure by Letters Patent of the United States, is—

The rigid bed bottom frame comprising the sides, the ends rigid therewith, and the bed bottom secured therein by cross bars, said ends
10 having the metal inclined seats *j*, on their inner sides, in combination with the head and

foot pieces having the upwardly projecting tapered metal hooks at their inner faces which pass up around the ends and fit said seats, as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

WILLIAM HEYNS.

Witnesses:

C. O. SCHREEDER,
W. W. IRELAND.