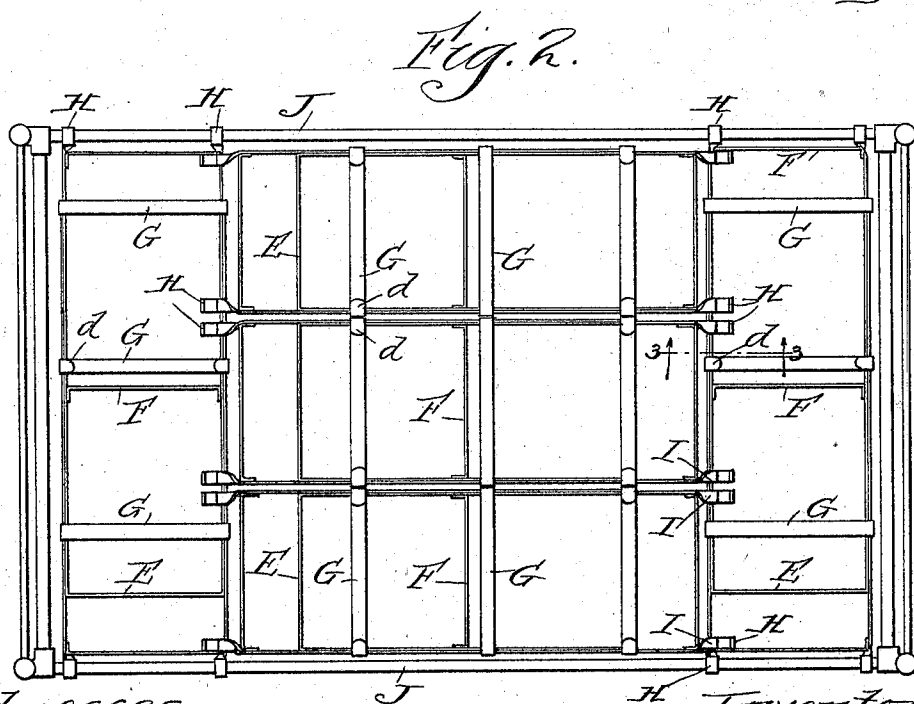
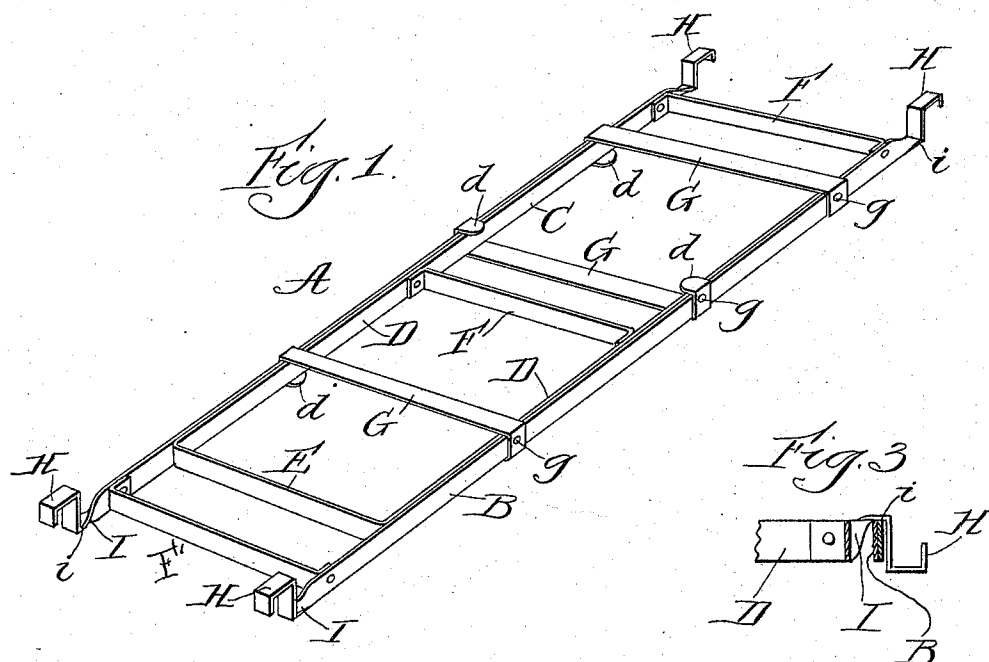


(No Model.)

N. PETERSEN.
BED BOTTOM.

No. 577,780.

Patented Feb. 23, 1897.



Witnesses
Wm. L. Hanning
Wm. O. Bell

Inventor
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UNITED STATES PATENT OFFICE.

NIELS PETERSEN, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO
FRANCIS KARR, OF SAME PLACE.

BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 577,780, dated February 23, 1897.

Application filed May 4, 1896. Serial No. 590,077. (No model.)

To all whom it may concern:

Be it known that I, NIELS PETERSEN, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bed-Bottoms, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to certain new and useful improvements in bed-bottoms; and its primary object is to construct a bottom which may be adjusted to bed-frames of varying sizes.

A further object of the invention is to provide a bed-bottom which will maintain its rigidity during use and which will remain in its proper position in the bed-frame; and a further object of the invention is to provide a bed-bottom made up of adjustable frames which can be arranged in different ways in the bed-frame.

With these and other ends in view the invention consists of the peculiar construction and arrangement of parts hereinafter described, and shown in the accompanying drawings, in which—

Figure 1 is a perspective view of one of the frames of which my improved bed-bottom is composed. Fig. 2 is a top plan view of a bed-frame having my improved bed-bottom arranged therein, and Fig. 3 is a sectional view on the line 3 3 of Fig. 2.

Referring to the drawings, in which like letters of reference denote corresponding parts in all of the figures, A designates one of the frames of which the bed-bottom is composed, which frame comprises two members B C, adapted to be adjusted one within the other, as hereinafter described. The inner member C of the frame is composed of a single metal bar bent in an oblong shape to provide the sides D D and the end E, cross-pieces F being provided at suitable intervals to maintain the sides of the member in their proper position. I also provide cross-bars G, which are secured to the sides of the outer member of the frame by means of bolts g, the ends of said cross-bars being bent around the sides D of the inner member of the frame, as indicated by d, to form guides with the main por-

tions of said cross-bars in which the inner member is adapted to slide.

A cross-piece F' may be employed to connect the ends of the sides of the outer member, although another cross-bar G may be used instead of the cross-piece, if preferred.

When the frame is lengthened by extending the members, the sides of said members will be supported in the guides formed by the cross-bars G and the ends d, so that said members will not become separated. By this construction and arrangement of parts it will be observed that the inner member C of the frame is adapted to slide within the outer member B, its sides being supported in the guides formed by the cross-bars G and ends d.

The ends of the sides of each member are bent to form hooks H of some suitable form, and that portion of each side of each member adjacent to the hook thereon is twisted, as shown at I, whereby an angularly-shaped socket i is provided at that point where the hook joins the side for a purpose hereinafter described.

The frames may be differently arranged in the bed-frame, but in Fig. 2 I have shown the preferred arrangement, in which the hooks H of the frame engage the sides J of the bed-frame, one of said frames being arranged at each end of the bed-frame, and additional frames are placed between the end frames, which may be appropriately designated "middle" frames, and these middle frames are turned so that they will rest upon the sides of the end frames, the said sides of the end frames engaging the angularly-shaped sockets i. It is desirable that the middle frames shall be arranged in this manner in order that the surface formed by the bed-bottom may be substantially level, although for all practical purposes the same result may be secured by hanging the middle frames to the end frames by means of the hooks H in the same manner that the end frames are hung upon the sides of the bed. However, when the middle frames are turned upside down, so that the sockets i will rest upon the sides of the end frames, all of said frames and the entire bed-bottom will be maintained in a substantially rigid position for the reason that the sides of the

end frames will fit more or less closely in the angularly-shaped sockets *i*, which prevents any lateral or endwise movement of the middle frames.

5 This bed-bottom may be arranged in bed-frames of many different sizes, and the frames can be readily adjusted by extending them to the desired length.

10 Instead of arranging the middle frames in the manner shown in Fig. 2 they may be secured on the sides of the bed-frame in a manner similar to the end frames of the bed-bottom, but I have found that the arrangement shown in Fig. 2 is particularly desirable by
15 reason of the results secured thereby.

I am aware that changes in the form of proportional parts and in the details of construction of my invention may be made without departing from the spirit or sacrificing
20 the advantages thereof, and I would therefore have it distinctly understood that I reserve the right to make all such changes that fall within the spirit and scope of my invention.

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

1. A frame for bed-bottoms consisting of two members arranged to slide one within the other, each of said members being provided with hooks at its outer ends and each side of each member being twisted adjacent to the hook thereon, substantially as and for the purpose set forth.

2. A frame for bed-bottoms comprising two members arranged to slide one within the other and provided with hooks on their ends and cross-bars secured to the outer member, the ends of said cross-bars being extended around the sides of the members to form
40 guides with the cross-bars, substantially as described.

3. A frame for bed-bottoms, comprising two members arranged to slide one within the other, the hooks on the ends of said members, and a twisted portion on each side of each member to form an angularly-shaped socket adjacent to each hook, substantially
45 as and for the purpose described.

NIELS PETERSEN.

Witnesses:

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