

F. WELLHOUSE.

Improvement in Bed-Bottoms.

No. 129,074.

Patented July 16, 1872.

Fig. 1.

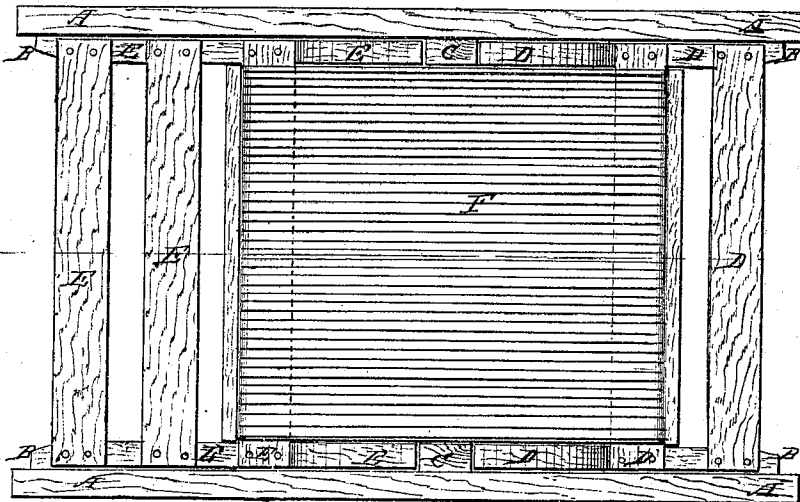
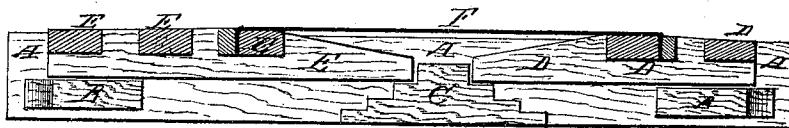


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

FREDERICK WELLHOUSE, OF LEAVENWORTH, KANSAS.

IMPROVEMENT IN BED-BOTTOMS.

Specification forming part of Letters Patent No. 129,074, dated July 16, 1872.

Specification describing a new and useful Improvement in Bed-Bottom, invented by FREDERICK WELLHOUSE, of Leavenworth, in the county of Leavenworth and State of Kansas.

Figure 1 is a top view of my improved bed-bottom, shown as applied to the side rails of a bedstead. Fig. 2 is a detail longitudinal section of the same taken through the line *xx*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved bed-bottom, simple in construction, convenient in use, light, strong, and durable, and which shall be so constructed as to be elastic just where elasticity is required, and which will allow the stretch of the canvas to be easily taken up; and it consists in the construction and combination of the various parts of the bed-bottom, as hereinafter more fully described.

A represents the side rails of an ordinary bedstead. To the inner side of the end parts of the side rails A are attached stops B to support the outer ends of the side bars of the head and foot frames of the bed-bottom. To the middle part of the inner sides of the rails A are attached stops C, which are made with notches, shoulders, or steps in their ends, as shown in Fig. 2, to receive and support the inner ends of the side bars of the head and foot frames of the bed-bottom. D and E are the head and foot frames, which are formed by attaching the ends of ordinary slats to side bars, which side bars extend along the inner sides of the side rails A of the bedstead, and rest upon the stops B C. In the head-frame D enough cross-slats are used to occupy about

one foot of the length of the bed-bottom. In the foot-frame E enough cross-slats are used to occupy about two feet of the length of the bed-bottom. F is a piece of strong canvas, the ends of which are secured to the inner cross-slats of the head and foot frames D E, and which should be of such a length as to occupy about three feet of the length of the bed-bottom. By this construction the head and legs of the persons lying upon the bed will be supported by the slats of the head and foot frames D E, and the body from below the hips to the neck will be supported by the canvas F, the elasticity being thus placed where it is required. By this construction, also, should the canvas F stretch, the slack may be taken up by raising the outer ends of the head and foot frames D E, one or both, and dropping the inner ends of their side bars into the next notch of the stops C, thus completely overcoming the difficulty which has heretofore been found in taking up the stretch of canvas used for bed-bottoms.

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

An improved bed-bottom composed of the head-frame D, foot-frame E, canvas F, and stops B, and notched or shouldered central stops C, said parts being constructed and arranged, in connection with each other, substantially as herein shown and described, to adapt them to be applied to an ordinary bedstead, as set forth.

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