

W. G. RICHARDSON.
Camp-Bed.

No. 210,148.

Patented Nov. 19, 1878.

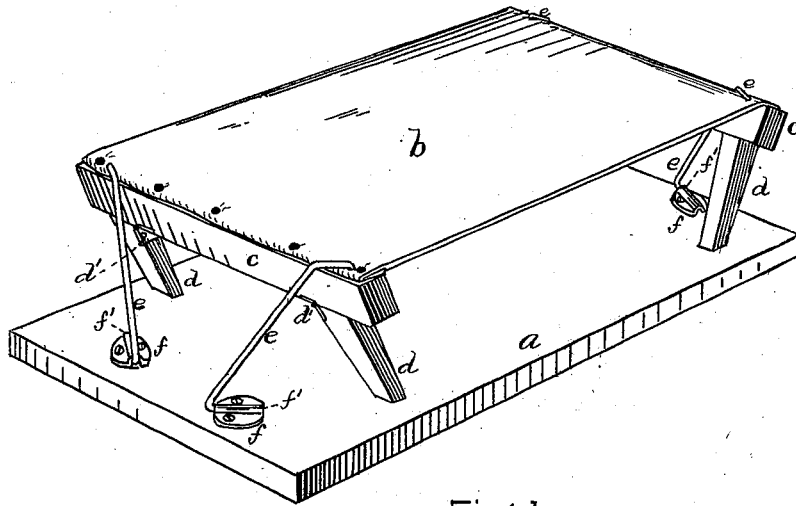


FIG. 1.

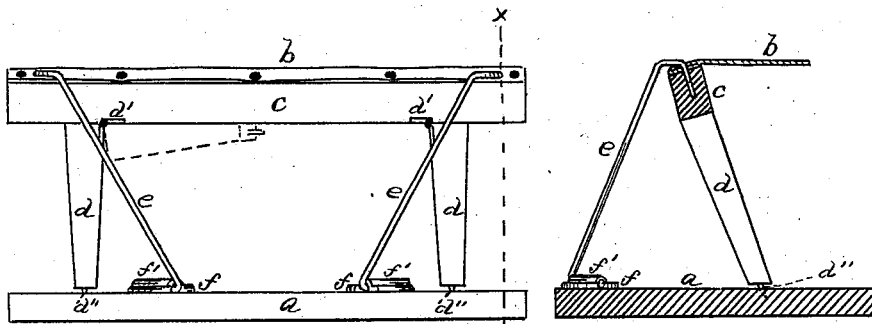


FIG. 2.

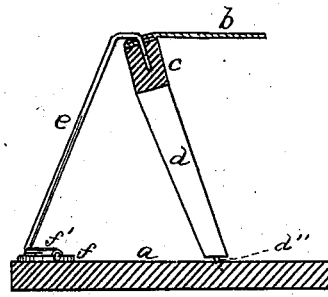


FIG. 3.

WITNESSES

William G. Richardson INVENTOR

B. W. Williams

By his Attys.

John E. Manning *Henry W. Williams*

UNITED STATES PATENT OFFICE.

WILLIAM G. RICHARDSON, OF BOSTON, ASSIGNOR OF ONE-HALF HIS RIGHT
TO JOHN W. RAMSDELL, OF QUINCY, MASSACHUSETTS.

IMPROVEMENT IN CAMP-BEDS.

Specification forming part of Letters Patent No. 210,148, dated November 19, 1878; application filed
May 6, 1878.

To all whom it may come,

Be it known that I, WILLIAM G. RICHARDSON, of Boston, in the County of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Camp-Beds, of which the following is a specification:

The object of this invention is to produce a portable folding camp-bed, which when set up is stiff and rigid, and liable to rack when used, and yet which requires no braces attached to the legs or other parts of the bed.

The nature of the invention in detail is described below.

In the drawings, in which similar letters of reference indicate like parts, Figure 1 is a perspective view of my improved camp-bed in position for use. Fig. 2 is an end elevation of the same. Fig. 3 is a vertical section upon line *x x*, Fig. 2.

a represents a floor or a portion of a floor. *b* is a canvas bottom, stretched between the end bars or cross-pieces *c* and *d* are legs, two being hinged to each cross-piece *c* by means of the hinges *d'*, so that the bed is folded inwardly when the bed is folded up. Each leg *d* is provided with a spur, *d''*, or shoulder, to prevent it from slipping. *e e* are iron rods, four in number, bent into the shape shown in the drawing, their upper ends entering the cross-pieces from their upper ends, and their lower ends bent into horizontal positions and entering the grooved portions *f'* of the plates *f*, which are secured to the floor *a*.

To put up the bed, place the rods *e* in their positions in the grooves *f'* of the plates *f*; then spread the legs *d* as far apart as possible, and the spurs *d''* will prevent them from slipping out of position. Of course the plates *f* must be firmly secured in the proper positions first.

To take down the bed, first fold in the legs

d, as seen in broken lines, Fig. 2; then remove the rods *e*, and the bed may be folded or rolled up.

No braces are needed for the legs, as the rods *e* hold the bed in the firmest and stiffest manner. No racking from side to side is possible, and the rods entering the upper sides of the cross-pieces *c* hold it tightly and prevent the hinges from being strained.

The bed is highly adapted to camp-meeting use, and can be put up on the bare ground, if desired, by making the plates *f* of the proper size and shape.

As the legs and cross-pieces pitch or cant toward the center of the bed instead of being vertically placed, the weight of the occupant of the bed does not strain them, but only serves to stiffen them and drive them firmly into the floor.

The plates *f* are so placed that the grooves *f'* are at an angle with the cross-pieces *c*, and the rods *e* are inserted into the ends of the grooves farthest from the cross-pieces, so that there is no danger of the rods drawing out from the grooves.

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

1. The combination of the cross-pieces *c*, bent rods *e*, and plates *f*, provided with the grooves *f'*, all arranged substantially as and for the purpose herein set forth.

2. The herein-described camp-bed, consisting of the cross-pieces *c*, canvas *b*, hinged legs *d*, provided with spurs *d''*, rods *e*, and grooved plates *f f'*, all substantially as and for the purposes above specified.

WILLIAM G. RICHARDSON.

Witnesses:

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