W. G. RICHARDSON.
Camp-Bed.

No. 210,148. Patented Nov. 19, 1878.

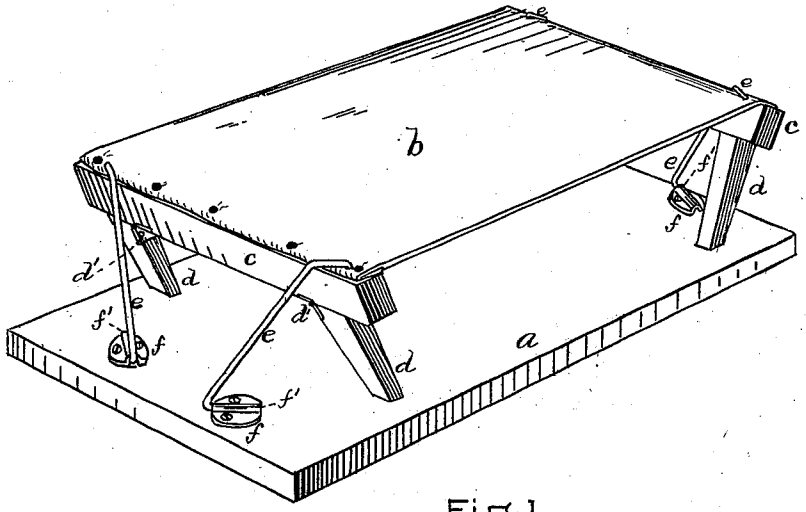


Fig. 1.

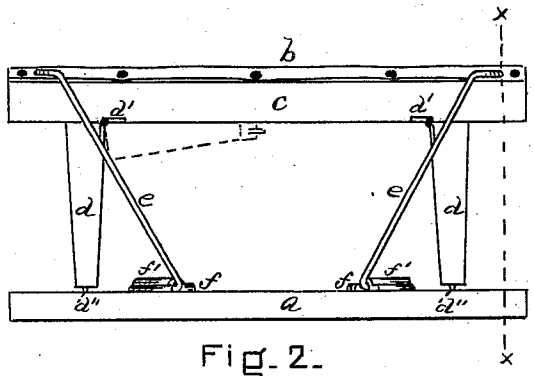


Fig. 2.

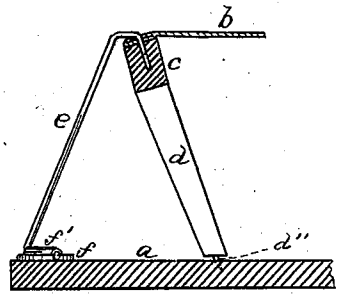


Fig. 3.

WITNESSES

William G. Richardson INVENTOR

By his Attys.

Geo. E. Fenning. Henry W. Williams Jr.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM G. RICH[illegible]SON, OF BOSTON, ASSIGNOR OF ONE-HALF HIS RIGHT TO JOH[illegible]F. RAMSDELL, OF QUINCY, MASSACHUSETTS.

MPROVEMENT IN CAMP-BEDS.

Specification forming [illegible] of Letters Patent No. **210,148**, dated November 19, 1878; application filed May 6, 1878.

To all whom it may co[illegible]:

Be it known that I [illegible]LIAM G. RICHARDSON, of Boston, in th[illegible]nty of Suffolk and State of Massachuset[illegible]ave invented a new and useful Improve[illegible] in Camp-Beds, of which the following i[illegible]pecification:

The object of this i[illegible]tion is to produce a portable folding camp[illegible], which when set up is stiff and rigid, and[illegible]liable to rack when used, and yet which[illegible]ires no braces attached to the legs or [illegible]of the bed.

The nature of the i[illegible]ion in detail is described below.

In the drawings, in[illegible]h similar letters of reference indicate like[illegible]ts, Figure 1 is a perspective view of my[illegible]proved camp-bed in position for use. Fig[illegible]s an end elevation of the same. Fig. 3 is[illegible]rtical section upon line *x x*, Fig. 2.

a represents a floor[illegible]ortion of a floor. *b* is a canvas bottom, st[illegible]ed between the end bars or cross-pieces *c*[illegible] *d* are legs, two being hinged to each c[illegible]piece *c* by means of the hinges *d'*, so that t[illegible]old inwardly when the bed is folded up.[illegible]h leg *d* is provided with a spur, *d''*, or sh[illegible]oint, to prevent it from slipping. *e e* ar[illegible] iron rods, four in number, bent into th[illegible]ape shown in the drawing, their upper [illegible]entering the cross-pieces from their upp[illegible]es, and their lower ends bent into horizo[illegible]ositions and entering the grooved port[illegible]*f'* of the plates *f*, which are secured to t[illegible]or *a*.

To put up the bed, [illegible]place the rods *e* in their positions in the [illegible]pieces *c* and in the grooves *f'* of the pl[illegible]*f*; then spread the legs *d* as far apart as[illegible]sible, and the spurs *d''* will prevent them [illegible]slipping out of position. Of course the[illegible]s *f* must be firmly secured in the proper[illegible]ions first.

To take down the b[illegible]rst 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:
HENRY W. WILLIAMS,
B. W. WILLIAMS.