J. W. Willett,

Folding Chair,

No. 28,430. Patented May 22, 1860.

Fig. 6

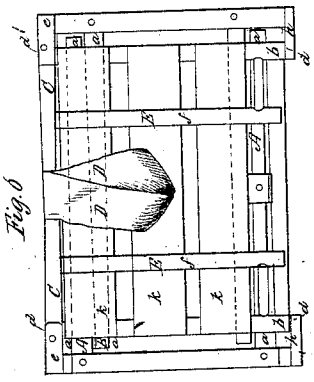


Fig. 7

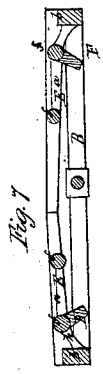


Fig. 5

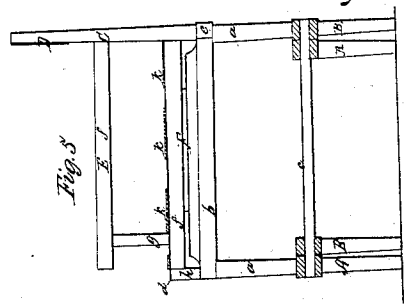


Fig. 3.

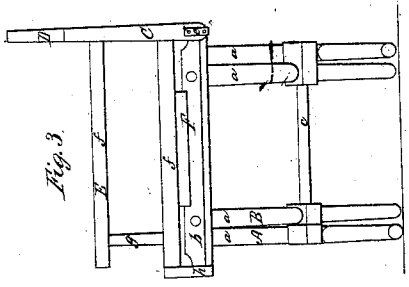


Fig. 4

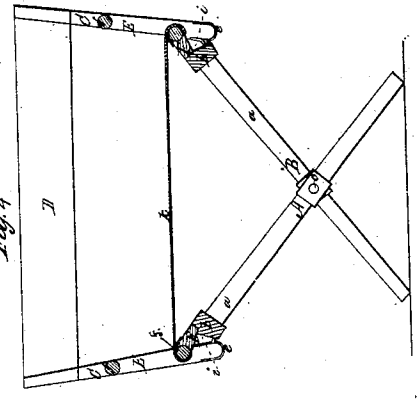


Fig. 1

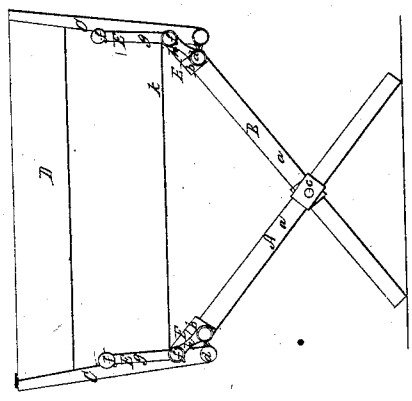
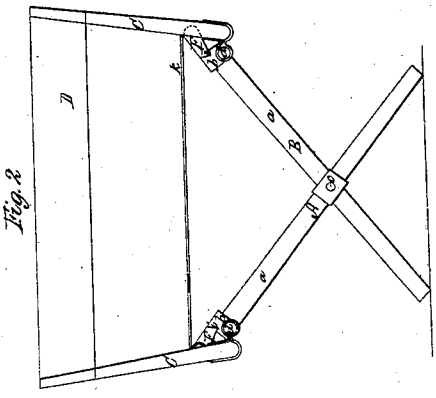


Fig. 2



Witnesses;
R. H. Eddy
Arthur Poole

Inventor;
John W. Willett

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

UNITED STATES PATENT OFFICE.

JOHN W. WILLETT, OF WAREHAM, MASSACHUSETTS.

CAMP-STOOL.

Specification of Letters Patent No. 28,430, dated May 22, 1860.

To all whom it may concern:

Be it known that I, JOHN W. WILLETT, of Wareham, in the county of Plymouth and State of Massachusetts, have invented an Improved Portable Folding Arm Camp Stool or Chair; and I do hereby declare the same to be fully described and represented in the following specification and the accompanying drawings, of which—

Figure 1, is a front elevation; Fig. 2, a rear elevation; Fig. 3, a side view; Fig. 4, a longitudinal section, and Fig. 5, a transverse section of it as it appears when in an unfolded state and ready for use; Fig. 6 is a front view, and Fig. 7, a longitudinal section of it in a folded state.

This chair, like a common folding camp stool has two leg frames A, B, each of which is composed of a pair of legs, *a*, *a*, united at their upper ends by a cross bar, *b*. One of these leg frames extends within and crosses the other and turns on a connection rod or bar, *c*, projecting from one leg to the other of the other leg frame, the whole being as shown in the drawings. The top bar *b*, of each leg frame projects beyond each of its legs and is formed with journals *d*, *d'* on the parts so projecting. The two rearmost journals, *d'*, *d'*, have the two back posts C, C, so applied to them by joint hinge connections *e*, *e*, extending around them as to enable the two back bars to be turned inward toward each other. These two back posts are connected by a strap or backband D. Each of the two arms, or arm rests, E, E, is composed of two bars *f*, *f*, extended horizontally from one of the back posts and united by a bar, *g*, arranged as shown in the drawings. A joint connection, *h*, extends from the front end of each lever bar, *f*, and embraces the adjacent journal, *d*, of the leg frame immediately under the said bar, *f*. Furthermore, each bar, *f*, has a strut, F, hinged or otherwise properly connected to it and so as to project inward from it as shown in the drawings. When the chair is unfolded, this strut rests on the upper bar of the leg frame or in a groove, *i*, made therein and by so doing serves to prevent its back posts, and arm or arm rests from being drawn inward by a weight imposed on the flexible seat or seat bands, *k*, *k*, *k*, *k*, extended from the lower bar of one arm rest to that of the other as shown in the drawings.

By hinging or applying the back posts and arm rests to the leg frames substantially as described by connecting the arm rests by the flexible seat or seat bands, and by applying to the arm rests the struts to bear against the upper bars of the leg frames when arranged and applied together, as explained. I make a chair capable of being either folded in the manner shown in Figs. 6, and 7, or unfolded and set up in the form as shown in the other figures above mentioned.

In order to cause the chair to drop at once from an unfolded to a folded state, it will not only be necessary to lift the struts out of the grooves of the leg rests and entirely above the said leg rests, which having been done, the weight of the chair will cause it to collapse and fold in a very small compass, the back posts and the arm rests being turned inward simultaneously until the arm rests repose upon the leg frames.

My improved portable folding chair will be found highly useful either on ship board or as part of a camp equipage, or wherever it may be desirable to have a chair that will fold together and occupy but a little space.

I claim—

The said improved portable folding chair, as made with its back posts and arm rests or the latter hinged or connected to the crossed leg frame and the flexible seat, and having struts applied to them substantially as specified.

JOHN W. WILLETT.

Witnesses:

R. H. EDDY,

F. P. HALE, Jr.