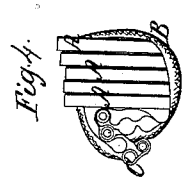
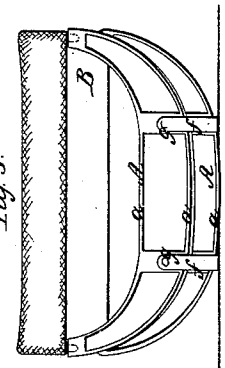
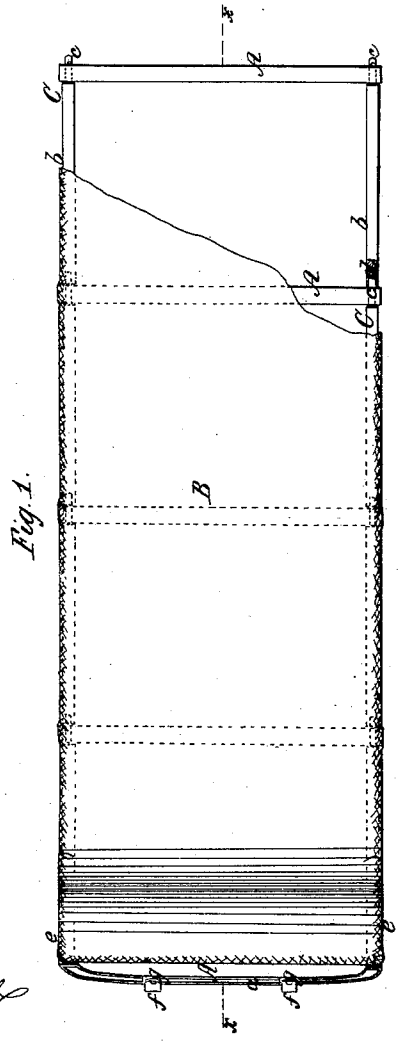
E. W. PIERCE & W. J. CLARK.

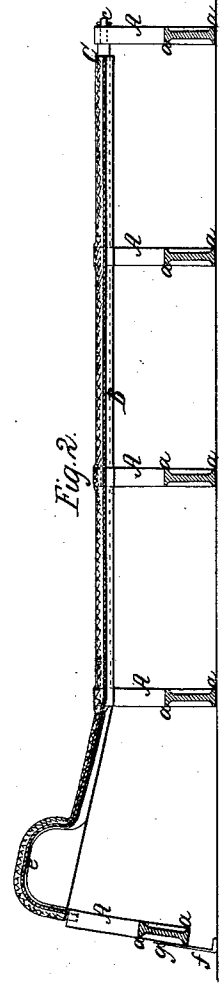
COT.

No. 34,089. Patented Jan. 7, 1862.









Witnesses;
H. W. Coombs
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Attorneys

UNITED STATES PATENT OFFICE.

E. W. PIERCE AND W. J. CLARK, OF SOUTHINGTON, CONNECTICUT, ASSIGNORS TO W. J. CLARK & CO., OF SAME PLACE.

SOLDIER'S COT.

Specification of Letters Patent No. 34,089, dated January 7, 1862.

To all whom it may concern:

Be it known that we, E. W. PIERCE and W. J. CLARK, both of Southington, in the county of Hartford and State of Connecticut, have invented a new and Improved Portable Cot, Designed Chiefly for Army or Camp Use; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a plan or top view of my invention. Fig. 2, a longitudinal section of the same, taken in the line *x*, *x*, Fig. 1. Fig. 3, an end view of the same. Fig. 4, a view of the same in a folded state.

Similar letters of reference indicate corresponding parts in the several figures.

The object of this invention is to obtain a cot which may, when not required for use, be folded up within a very small compass and still be capable of being very readily extended and adjusted for use when required and also be light, strong, durable and capable of being manufactured at a reasonable expense.

The invention consists in the employment or use of a series of cast metal transverse bars or supports of low form, in connection with longitudinal jointed rods, a canvas or sacking-bottom, a head-piece or support and a head elevating device, substantially as hereinafter fully shown and described.

To enable those skilled in the art to fully understand and construct our invention we will proceed to describe it.

A, represents a series of cast metal bars or supports which are of bow-form as shown clearly in Fig. 3. These bars or supports may be of any suitable length corresponding to the desired width of the cot and in order to insure lightness with strength they are cast with ribs or flanges *a*, at their upper and lower edges as shown clearly in Figs. 2, and 3. Five bars or supports A, are shown in Figs. 1, and 2, but more or less may be used as desired.

B, represents the canvas or sacking-bottom of the cot. The edges of this canvas are provided with hems which inclose jointed rods C. These rods C, may be of metal or hard tough wood—and the pieces: *b*, of each rod are provided at one end with a pin *c*, which projects longitudinally from it, the opposite ends being provided with corresponding holes or recesses *d*, see Fig. 1. The pin *c*, of one piece *b*, fits in the hole *d*, of the piece adjoining and said pins and holes form joints to admit of the rods C, and canvas B, being folded as shown in Fig. 4. If the rods C, be of wood the ends of the pieces *b*, are provided with metal ferrules having at one end of the pieces the pins *c*, attached to the ferrules at the opposite ends having the holes *d*, in them.

The pins *c*, perform two functions, one being the joint arrangement just described and the other a connection for the bars or supports A, the ends of the bars or supports being drilled in a transverse direction for the pins *c*, to pass through see Figs. 1 and 2. When the canvas B, and rods C, are folded the bars A, are slipped off from the pins *c*, and rolled up within the canvas as shown in Fig. 4.

The pieces *b*, of the rods C, at the head of the cot are not straight their entire length like the others but are curved so as to form projections *e*, as shown clearly in Fig. 2. These projections *e*, give the canvas B, at the head of the cot an elevated pillow-like form which serves the purpose of a pillow. The head of the occupant of the cot may be still more elevated as may be required by means of adjustable bars *f*, *f*, attached to the head bar A, of the cot as shown clearly in Fig. 3. The bars *f*, *f*, are secured to the bar A, by pivots *g*, and may be adjusted in a more or less inclined position to hold or sustain the bar A, at a greater or less height. If necessary the bars *f*, may be prevented from casually moving, when set in the desired position, by means of pins fitting in holes in the bar or by means of notches made therein. It will be seen by referring to Fig. 3, that when the cot is adjusted for use the convex surfaces of the bars A, rest upon the ground.

We do not confine ourselves to any particular form of joints which may be employed for connecting the pieces *b*, of the rods C, for different kinds of joints may be employed for such purpose although we prefer the kind herein shown and described as they are simple and admit of a ready connection or attachment of the bars A, to the rods C.

Having thus described our invention what

we claim as new and desire to secure by Letters Patent, is:

1. The employment or use of the bow or equivalent shaped bars A, in combination with the jointed rods C, and canvas B, arranged substantially as and for the purpose set forth.

2. Having the pieces *b*, of the rods C, at the head of the cot, curved as shown at *e*, in order to form a pillow of the canvas at that point as set forth.

3. The adjustable bars *f*, *f*, attached to the head bar A, of the cot, when said bars are used in connection with the series of bars or supports A, and jointed rods C, as set forth.

E. W. PIERCE.
WM. J. CLARK.

Witnesses:
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