

No. 678,659.

A. A. GREGG.
COT.

Patented July 16, 1901.

(No Model.)

(Application filed Dec. 6, 1900.)

Fig. 1.

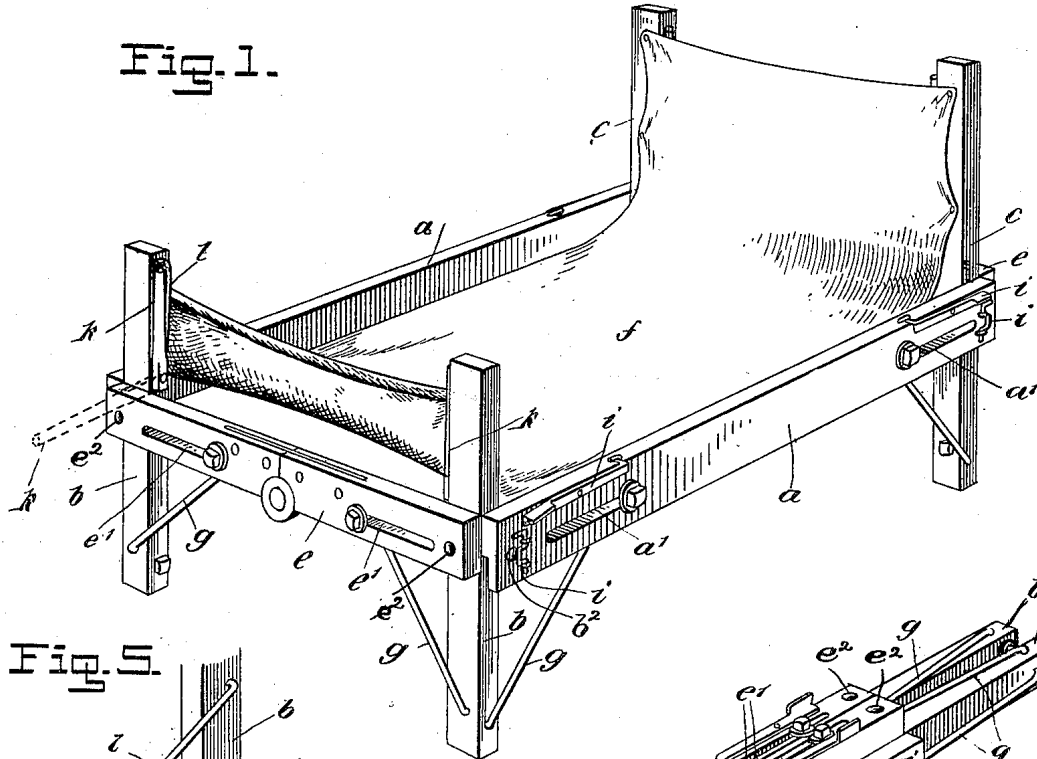


Fig. 5.

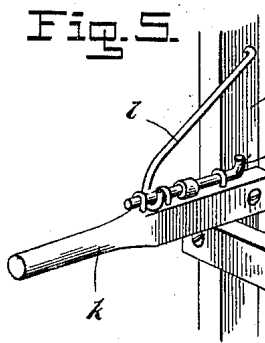


Fig. 2.

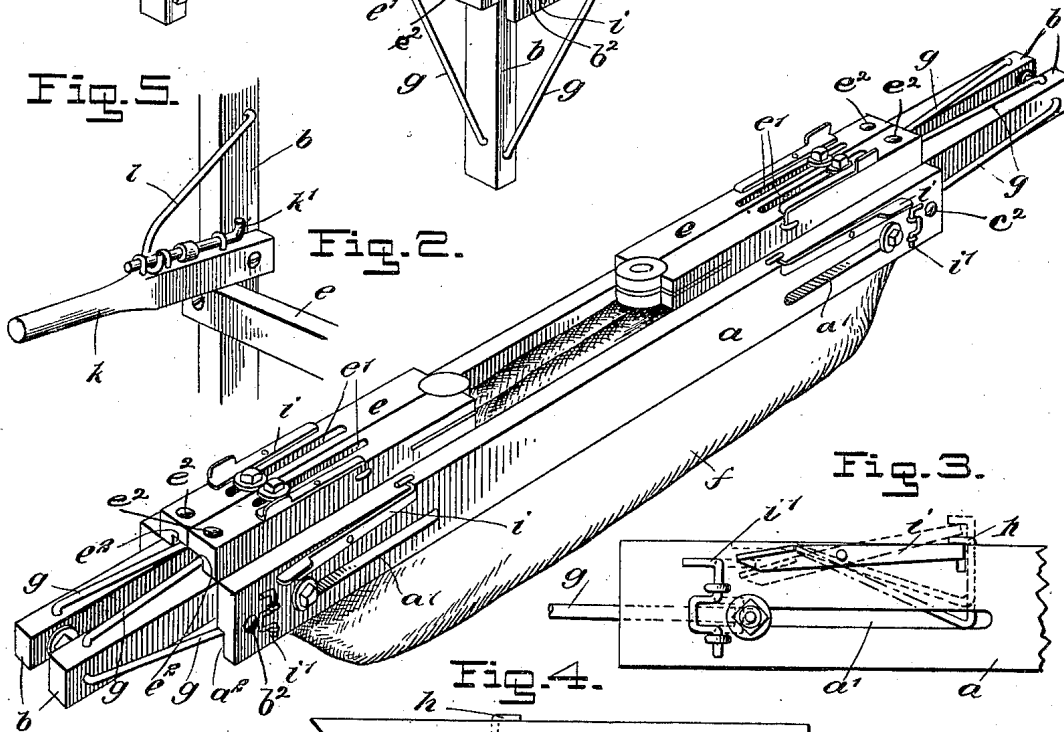


Fig. 3.

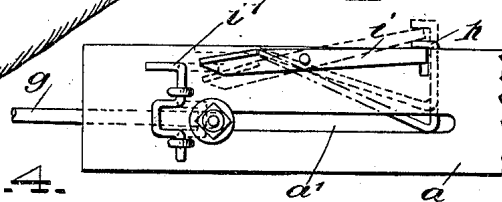
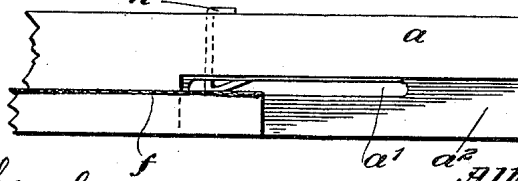


Fig. 4.



WITNESSES:

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ALBERT A. GREGG, OF BUFFALO, WYOMING.

COT.

SPECIFICATION forming part of Letters Patent No. 678,659, dated July 16, 1901.

Application filed December 6, 1900. Serial No. 38,939. (No model.)

To all whom it may concern:

Be it known that I, ALBERT A. GREGG, a citizen of the United States, and a resident of Buffalo, in the county of Johnson and State of Wyoming, have invented a new and Improved Cot, of which the following is a full, clear, and exact description.

The purpose of this invention is to provide a cot which may be readily folded and which when extended will form a more secure structure than those of its class heretofore produced.

This specification is the disclosure of one form of the invention, while the claims define the actual scope thereof.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the cot extended. Fig. 2 is a perspective view of the cot folded. Fig. 3 is a fragmentary view illustrating the braces and the spring-catches therefor. Fig. 4 is a view of the opposite or inner side of the device shown in Fig. 3, and Fig. 5 is a detail view of one of the handles.

As best shown in Fig. 1, the cot comprises side rails *a*, each of which is one rigid structure, foot-posts *b*, also each a rigid structure, and head-posts *c*, similar to the foot-posts. The posts *b* and *c* are pivotally mounted on the ends of the side rails *a* at the points *b*² and *c*², respectively, and the sides of the bed are connected by head and foot rails *e*, each of which is made up of two toggle-link-like sections. These head and foot rails *e* are pivotally mounted on the posts *b* and *c* at the points *e*², so that they may assume the position shown in Fig. 1 when extended. In folding the cot the toggles formed by the sections of the rails *e* are broken and the sides of the bed moved together. The posts *b* and *c* are then turned on their pivots so as to lie parallel with and inside of the side rails *a*, the cot assuming the position shown in Fig. 2. A flexible fabric *f* is attached to the side rails *a* and to the head and foot posts *b* and *c*, so as to form the bottom of the cot, and this of course folds up with the other parts when the cot is knocked down.

For holding the bed in rigid position when extended I provide brace-rods *g*, which are

two for each post *b* and *c* and which are pivotally mounted on the posts, the free ends of the brace-rods being bent and fitted to slide in slots *a'* and *e'*, formed, respectively, in the side rails and head and foot rails. Spring-catches *h* are provided for removably holding the braces in the extended positions shown in Fig. 1, and for releasing these spring-catches a thumb-latch *i* is provided for each, the thumb-latches being pivotally mounted on the side and foot and head rails and having connection with the spring-catches, so as to permit the same to be raised, thus disengaging them from the brace-rods *g* and permitting the rods to be moved to the opposite end of the slots *a'* and *e'*, so that the cot may be folded. (See Fig. 2.) As shown in Fig. 4, the inner sides of the side rail *a* are formed with rabbet-grooves *a*² therein, which are adjacent to the slots *a'* and which serve to receive the brace-rods *g* when the cot is folded. This is also illustrated in Fig. 2. The head and foot rails are formed with like grooves *e*² for the same purpose. These grooves are shown in Fig. 2. If it be desired to hold the latches *i* down for any length of time, they may be engaged with rocking keepers *i'*, as indicated by dotted lines in Fig. 3, thus relieving the operator of this task.

For permitting persons to carry the cot from place to place, and therefore for adapting the cot for use for ambulance purposes, I provide handles *k*, which are pivoted to the respective head and foot posts *b* and *c* and which work with pivotal braces *l*. These handles may be folded up into the inactive position shown in Fig. 1, or they may be thrown downward and engaged by the braces *l*, so as to extend outward to operative position, as shown by the dotted lines in Fig. 5. A latch *k'* is mounted on the handle *k* to hold the brace removably engaged therewith. (See Fig. 5.)

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

1. A cot, comprising side rails, head and foot posts pivotally mounted on the side rails at points intermediate the ends of the posts, the posts extending upward beyond the side rails, slotted end or head and foot rails pivotally connected respectively with the head

and foot posts, each end rail being made up of two pivotally-connected sections forming a toggle, and rigid braces pivoted to the head and foot posts, fitted slidably in the slots in the side and end rails.

2. A cot, comprising slotted side rails, head and foot posts mounted on the side rails at points intermediate the ends of the posts, the posts extending upward beyond the side rails, slotted end or head and foot rails pivotally connected respectively with the head and foot posts, each end rail being made up of two pivotally-connected sections forming a toggle,

rigid braces pivoted to the head and foot posts and fitted slidably in the slots in the side and end rails, and means for removably holding the braces of the side rails in extended position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALBERT A. GREGG.

Witnesses:

ALVIN BENNETT,
LOIS MCKENZIE.