March 22, 1927. L. EDWARDS 1,622,188

FOLDING CAMP BED

Filed April 24, 1926

Fig. 1.

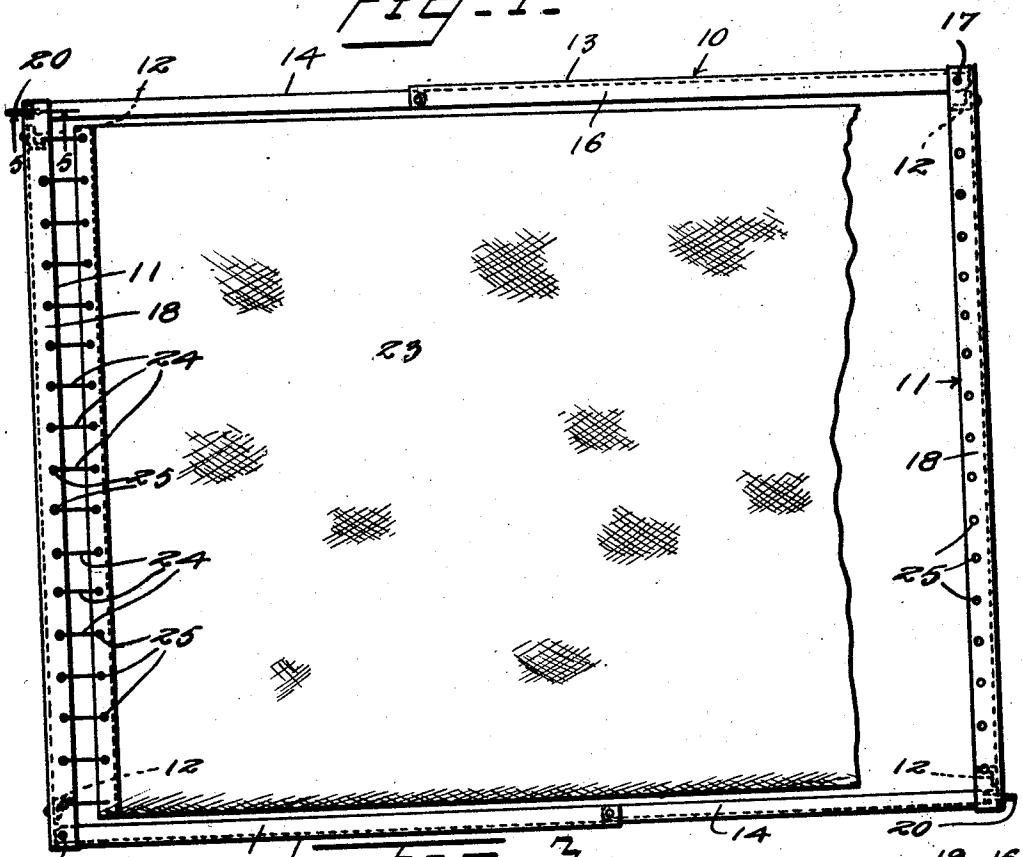



Fig. 3.

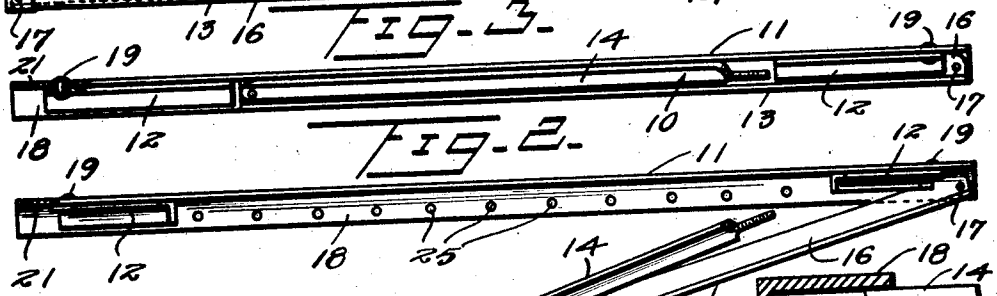



Fig. 2.




Fig. 5.

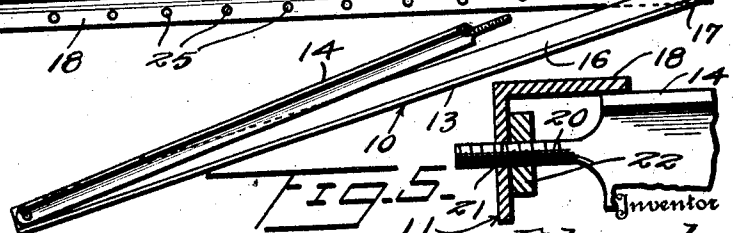
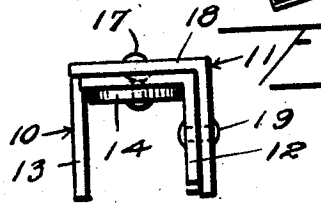



Fig. 4.




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# UNITED STATES PATENT OFFICE.

LEROY EDWARDS, OF STANLEY, NORTH DAKOTA.

## FOLDING CAMP BED.

Application filed April 24, 1926. Serial No. 104,427.

This invention relates to a folding camp bed and more particularly to a folding frame for use with camp beds.

An important object of the invention is to provide a device of this character which may be very compactly folded and in which one-half of the frame may be folded at a time, thus enabling the folding operation to be performed by women or children.

A further object of the invention is to provide a device of this character which, in the assembled relation, provides means for tensioning a supporting spring or canvas.

These and other objects I attain by the construction shown in the accompanying drawing, wherein for the purpose of illustration is shown a preferred embodiment of my invention and wherein:—

Figure 1 is a plan view of a cot constructed in accordance with my invention;

Figure 2 is a bottom plan view of one of the sections of the cot frame in partially folded position;

Figure 3 is a similar view showing the section fully folded;

Figure 4 is an enlarged end elevation of one of the sections when in folded position;

Figure 5 is an enlarged sectional view on the line 5—5 of Figure 1.

Referring now more particularly to the drawing, the frame is formed in two sections, each of which includes a side member, generally designated at 10, an end member 11 and two supporting legs 12. Each side section 10 consists of two angle-iron bars 13 and 14 pivotally connected at their meeting ends, as at 15, so that the bar 14 may be swung beneath the upper or horizontal flange 16 of the bar 13. The end member 11 consists of an angle-iron bar pivotally connected to the bar 13, as at 17, so that the bar 13 may be swung beneath the horizontal or upper flange 18 of the end member. The bar forming the end member is of a length equal to the length of the bar 13 plus the length of one of the supporting legs 12 with the addition of a slight amount for clearance while the bar 13 is of a length equal to the length of the bar 14 plus the length of a supporting leg with a similar addition for clearance. Therefore, when the bar 14 is folded upon the bar 13 and this bar 13 folded upon the end member to provide a flat rectangular structure of substantially the same size as the end member, sufficient space is provided between the ends of the bar 14 and bar 10 and the ends of the end member to permit the legs 12 which are pivotally connected, as at 19, to the vertical flanges of the end members to be folded up within the end members.

The free ends of the bars 14 have integrally secured thereto threaded bolts 20 adapted to extend through openings 21 formed in the vertical flanges of the end member of the other section when the sections are to be assembled. Upon these flanges are mounted nuts 22. The sections are assembled and the supporting element, at present disclosed as a canvas 23, is connected with the end members by inserting hooks 24 carried by the ends of the canvas in openings 25 formed in the inner edge of the horizontal flange 18 of the end member. This canvas serves to hold the sections in assembled relation and may be tensioned by adjusting nuts 22 upon the bolts 20.

It will be obvious that a structure of this character may be very readily and cheaply manufactured and will be durable and efficient in service. It will furthermore be obvious that the construction hereinbefore set forth is capable of a certain range of change and modification without materially departing from the spirit of the invention and I accordingly do not limit myself to such specific structure except as hereinafter claimed.

I claim:—

1. A bed frame formed in two sections each including a side and an end member of the frame and a pair of legs, the side members being each formed with two pivotally connected bars of different lengths, the shorter bar being foldable upon the longer bar, the longer bar having its free end pivotally connected to the end member at one end thereof whereby the folded side member may be folded against the end member, said legs being pivoted to said end member and being likewise foldable thereagainst, the longer bar of the side frame being shorter than the end member whereby space is provided at one end of the end member for the reception of one of said legs, the space between the free end of the shorter bar and the pivoted end of the longer bar affording a space for the other of the legs when the folded side member is folded against the end member.

2. A bed frame formed in two sections each including a side and an end member of the frame and a pair of legs, the side mem-

bers being each formed with two pivotally connected bars of different lengths, the shorter bar being foldable upon the longer bar, the longer bar having its free end pivotally connected to the end member at one end thereof whereby the folded side member may be folded against the end member, said legs being pivoted to said end member and being likewise foldable thereagainst, the shorter bar of each side member having an extension adapted to project through an opening formed in one end of the end member of the other section and means adjustable along said extension for regulating the minimum distance between the end members of the frame when in assembled relation.

3. A bed frame formed in two sections each including a side and an end member of the frame and a pair of legs, the side members being each formed with two pivotally connected bars of different lengths, the shorter bar being foldable upon the longer bar, the longer bar having its free end pivotally connected to the end member at one end thereof whereby the folded side member may be folded against the end member, said legs being pivoted to said end member and being likewise foldable thereagainst, said end member and said bars being each constructed of angle iron, the end member and the longer bar combining in the folded relation thereof to provide a substantially U-shaped housing within which the shorter bar of the side member is arranged.

4. A bed frame formed in two sections each including a side and an end member of the frame and a pair of legs, the side members being each formed with two pivotally connected bars of different lengths, the shorter bar being foldable upon the longer bar, the longer bar having its free end pivotally connected to the end member at one end thereof whereby the folded side member may be folded against the end member, said legs being pivoted to said end member and being likewise foldable thereagainst, the shorter bar of each side member having in its free end a threaded extension adapted to project through an opening formed in the free end of the end member of the other section and a nut adjustable along said extension for engagement with the inner face of the end member.

In testimony whereof I hereunto affix my signature.

LEROY EDWARDS.