Dec. 1, 1970 J. E. SMITH 3,543,310

COT

Filed April 25, 1968

Fig.1

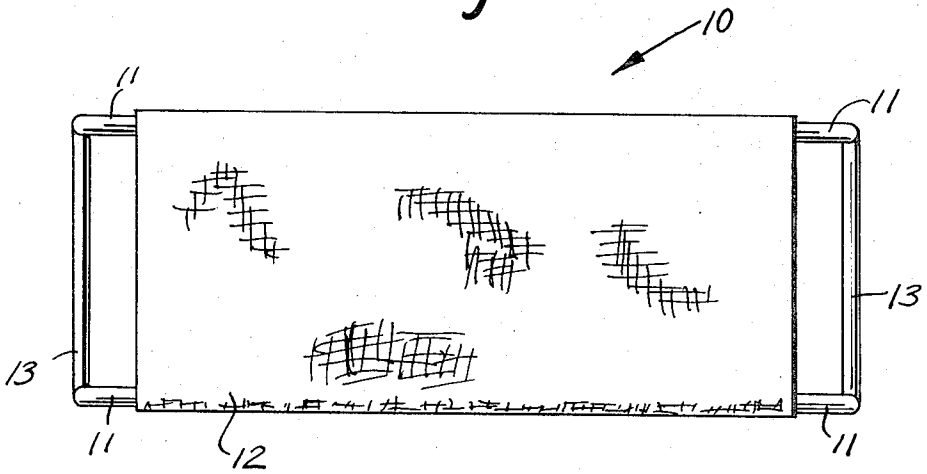


Fig.2

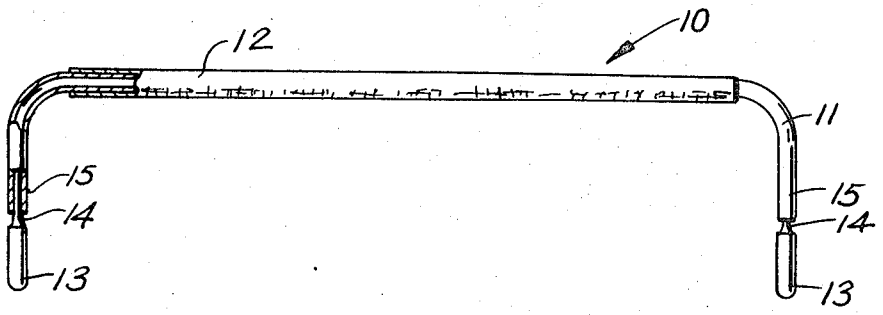
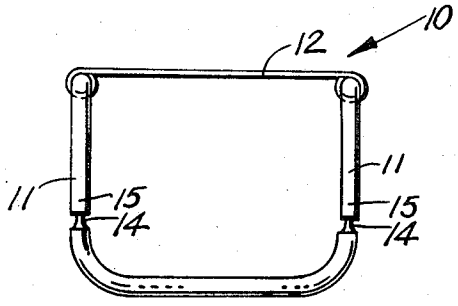


Fig.3



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U.S. Cl. 5—111 6 Claims

ABSTRACT OF THE DISCLOSURE

A cot or bed composed of five removable pieces which may be quickly and easily disassembled for storage in small areas, the device having no fitting or other movable parts which can wear out.

This invention relates to beds and more particularly to a completely collapsible cot.

It is therefore the main purpose of this invention to provide a cot which will have a pair of elongated tubular portions which will support a canvas portion between them.

Another object of this invention is to provide a cot which will have a pair of U-shaped members, each of which will be provided with swaged end for freely being received within the lower portions of the elongated members, thus providing a maximum rigidity for the structure of the cot and also allowing for easy disassembly of the cot for storage.

A further object of this invention is to provide a cot which will be of sufficient strength to support anyone while maintaining its rigidity and will have no fittings or other part which will wear out and will also be comfortable to the user.

Other objects of the present invention are to provide a cot which is simple in design, inexpensive to manufacture, rugged in construction, easy to use and efficient in operation.

These and other objects will become apparent upon a study of the following specification together with the accompanying drawing wherein:

FIG. 1 is a top plan view of the present invention;

FIG. 2 is a side view of FIG. 1 shown in elevation and partly broken away;

FIG. 3 is an end view of FIG. 2.

According to this invention a cot **10** is provided with a pair of elongated tubular members **11** which are

parallel with each other when a canvas web **12** is placed upon them. A tubular U-shaped member **13** forms the legs at each end of the cot **10** and members **13** are provided with swaged end **14** which easily slip into the lower extremities **15** of the elongated tubular members **11**.

It will be noted that the U-shaped configurated tubular legs **13** in conjunction with the downward extending portions of the elements **11** form an extremely rigid construction thereby allowing cot **10** to support a person of substantial weight without collapsing and cot **10** may be easily and quickly disassembled to form a neat and compact package for storage.

What I now claim is:

1. A cot comprising: a first pair of U-shaped continuous elongated tubular frame members, a flexible sheet carried by said frame members, providing support means for a person, a pair of floor engaging U-shaped tubular end members having ends receiving ends of said elongated frame members, providing rigidity and support means for said cot, said end members defining the opposite ends of said cot, the opposite ends of said sheet being spaced inwardly from the ends of said cot.

2. The combination according to claim **1** wherein: said frame members are disposed such that each forms an inverted U, the ends of said end members being swaged, and freely received and snugly retained in ends of said frame members.

3. The combination of claim **1** wherein: said frame members and end members are made of tubing of the same diameter.

4. The combination of claim **1** wherein: said frame members are free of fittings.

5. The combination of claim **2** wherein: the swaged ends of said end members are retained in the ends of said frame members by friction.

6. The combination of claim **4** wherein: said end members are free of fittings.

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