

E. JAUREGUY.
 FOLDING CANOPY.
 APPLICATION FILED JUNE 12, 1917.

1,264,078.

Patented Apr. 23, 1918.

Fig. 1.

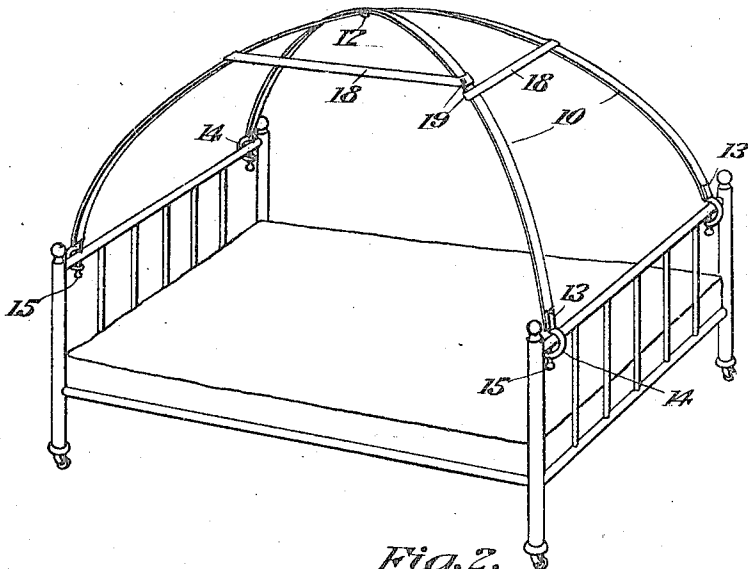


Fig. 2.

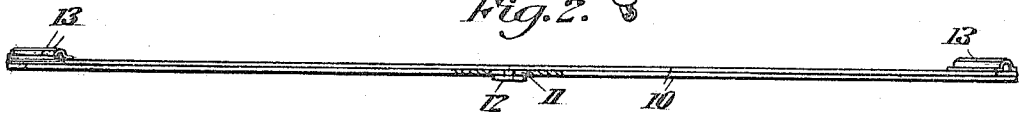


Fig. 3.

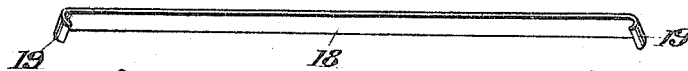


Fig. 4.

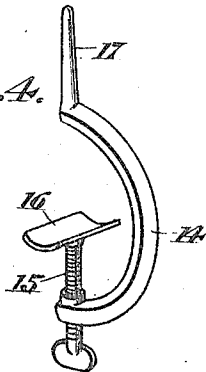
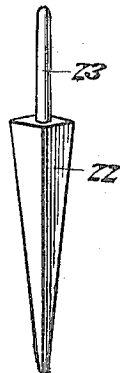


Fig. 5.



Fig. 6.



WITNESSES

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FOLDING CANOPY.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EDWARD JAURÉGUY, a citizen of France, residing at Oropendolas Commissary, Tela, Honduras, have invented
5 new and useful Improvements in Folding Canopies, of which the following is a specification.

This invention comprehends the provision of a canopy primarily intended for use
10 in connection with beds, but susceptible for use in other capacities, the invention embodying among other features a frame like foldable structure, which can be quickly and conveniently set up in position for use,
15 or folded into compact form when its use is not desired.

The nature and advantages of the invention will be better understood when the following detail description is read in connection with the accompanying drawing, the invention residing in the construction, combination and arrangement of parts as
20 claimed.

In the drawing forming part of this specification like numerals of reference indicate similar parts in the several views and wherein:—

Figure 1 is a perspective view of a bedstead showing the canopy frame support
30 positioned thereon for use.

Fig. 2 is an elevation of the frame folded.

Fig. 3 is a detail view of one of the bracing elements.

Fig. 4 is a detailed view of the bed engaging clamp such as used in Fig. 1.

Fig. 5 is a view of a modified form of means for supporting the frame upon a wooden bed structure.

Fig. 6 is a view of the means for supporting the frame when the latter is utilized in the capacity of a tent.

A canopy constructed in accordance with my invention embodies a supporting frame like structure, which latter preferably consists
45 of a plurality of crossed steel bands 10, which are pivotally connected together at their point of intersection, in any suitable manner. As shown in this instance one of the bands is provided with an opening 11 for the reception
50 of a headed stud 12 carried by the other band, whereby the desired pivotal movement between the bands is provided for. The extremity of each band is provided with a socket 13 to accommodate itself to any one
55 of a number of supporting elements, by means of which the frame is maintained in

the shape or configuration illustrated in Fig. 1. It is of course understood that the bands 10 are normally straight and parallel, which permits the frame to be folded in the manner shown in the drawing. However
60 the bands 10 are flexible, and by reason of which fact the bands can be bowed and spread to give the frame the shape shown in Fig. 1 when its use is desired.

When the frame is used in connection with an iron bedstead, a plurality of clamps of the type illustrated in Fig. 4 are also employed, each of these clamps embodying
70 an arcuate-shaped portion 14 to partly embrace the end rails of the bedstead, one terminal of the arcuate-shaped portion being provided with an interiorly threaded opening which adjustably receives a threaded
75 bolt 15, the inner extremity of which carries a longitudinally curved plate 16 which coöperates with the arcuate shaped portion 14 in holding the clamp fixed relatively to the bedstead. The opposite end of the arcuate-shaped portion terminates to provide
80 a straight extension 17 which is adapted to be received within the sockets 13 of the bands. Manifestly four of such clamps are employed and disposed adjacent the four corners of the bedstead, and subsequent to the
85 bowing of the bands 10, the corresponding extremities of the respective bands are spread apart to position the sockets 13 for the reception of the extensions 17. The frame is thus supported upon the bedstead
90 in an effective manner, while the rigidity of the frame is increased by use of bracing elements or strips 18. These strips are relatively long and narrow, and are adapted to be positioned between the bands in the
95 manner illustrated in Fig. 1 when the frame is in use. The reinforcing elements or strips have their opposite extremities curved as at 19 to permit said elements to be readily and easily slipped over the edges of the bands 10.

When use of the canopy is desired in connection with a wooden bedstead, cot or the like, a plurality of headed screw elements 20, clearly shown in Fig. 5 are employed, and these elements are screwed into
105 the bedstead adjacent each of the four corners. Rising from the head of each element 20 and disposed in a line with the threaded shank thereof, is an extension 21, and these extensions on the respective elements 20 are
110 adapted to be received within the sockets 13 of the bands to maintain the latter immov-

ably positioned upon the bed or cot in the same manner as shown in Fig. 1.

The nature of the invention is such that it may be also utilized as individual tents for soldiers, tourists or the like, and in which instance a plurality of stakes 22 such as shown in Fig. 6, are adapted to be driven in the ground, and are tapered for this purpose. Rising from the large end of each stake is a reduced extension 23, and said extensions of the respective stakes are adapted to be received within the sockets 13 carried by the extremities of the bands 10 so as to maintain the frame in the shape or configuration as shown in Fig. 1. While any suitable fabric may be employed in connection with the frame-like structure to complete the canopy, when the invention is used out doors in the capacity of a tent, some light water-proof material is preferably used. Manifestly I have devised a device of the class in question, which can be quickly and easily mounted upon a bed or other suitable support, and folded in compact form when its use is not desired.

While it is believed that from the foregoing description the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to this precise construction, and that such changes may be resorted to when desired as fall within the scope of what is claimed.

What is claimed is:—

1. In a canopy, the combination with a support, of a plurality of members fixed on the support, each of said members including an extension, a frame-like structure including a plurality of pivotally connected bowed sections, and sockets disposed longitudinally and arranged at one side of said sections for the reception of said extensions whereby said frame is supported.

2. In a canopy, the combination with a support, of a plurality of members detachably associated therewith and each including an extension, a frame-like structure embodying a pair of crossed pivotally connected flexible strips, normally parallel and adapted to be bowed, and sockets disposed longitudinally and at one side of said strips

to receive said extensions, whereby the frame is maintained in a bowed condition.

3. In a canopy, the combination with a support, of a plurality of members detachably associated with the support, and each including an extension, a frame-like structure including a pair of crossed pivotally connected flexible strips, said strips being normally parallel and adapted to be bowed, sockets carried by the extremities of said strips for the reception of said extensions, whereby the frame is maintained in a bowed condition, and bracing elements interposed between the respective strips and detachably connected thereto.

4. A canopy attachment for bedsteads embodying a plurality of clamps designed for detachable association with the bedstead, and each including a vertically disposed extension, a frame-like structure including a pair of crossed pivotally connected flexible strips, said strips being normally parallel and adapted to be bowed, and sockets carried by said strips and opening at the ends thereof for the reception of said extensions, whereby the frame is maintained in a bowed condition.

5. A canopy attachment for bedsteads embodying a plurality of clamps designed to be detachably engaged with the bedstead, each clamp including a curved body portion, a screw adjustably associated with one end of the body portion, a curved plate carried by one end of the screw, an extension rising from the other end of the body of each clamp, a frame-like structure including a pair of crossed pivotally connected flexible strips adapted to be bowed, and sockets carried by each strip, said sockets opening at the ends of the strips for the reception of said extensions, whereby the frame is maintained in a bowed condition.

6. In a canopy, the combination with a support, of a pair of crossed pivotally connected flexible strips adapted to be bowed and detachably secured to the support, and bracing elements interposed between the respective strips and detachably connected thereto.

In testimony whereof I affix my signature.
EDWARD JAURÉGUY.