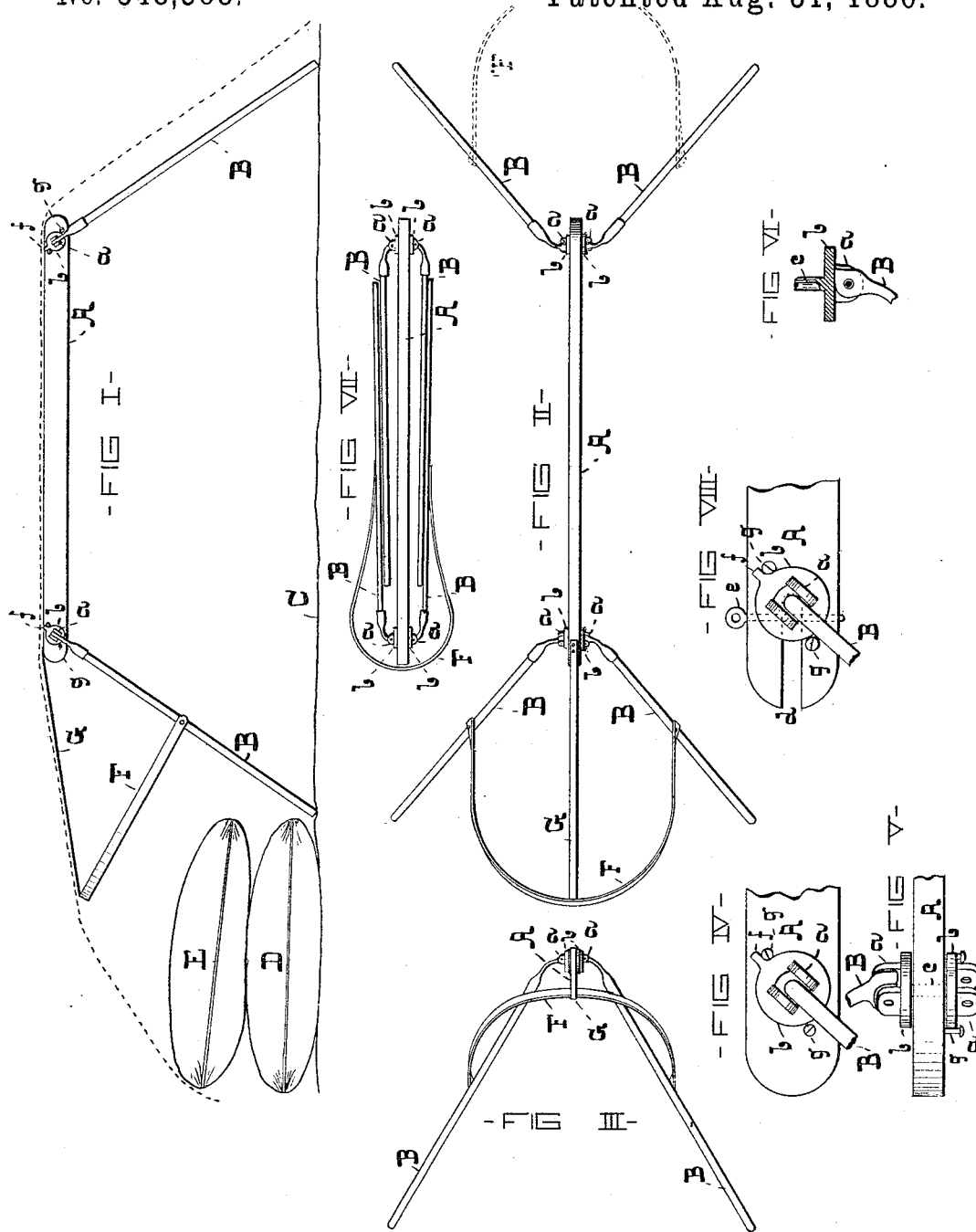


(No Model.)

J. H. FISHER.
FLY AND MOSQUITO NET.

No. 348,388.

Patented Aug. 31, 1886.



-WITNESSES-

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UNITED STATES PATENT OFFICE.

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FLY AND MOSQUITO NET.

SPECIFICATION forming part of Letters Patent No. 348,388, dated August 31, 1886.

Application filed May 15, 1886. Serial No. 202,334. (No model.)

To all whom it may concern:

Be it known that I, J. HARMANUS FISHER, of the city of Baltimore, and State of Maryland, have invented certain Improvements in Fly and Mosquito Nets, of which the following is a specification.

This invention relates to certain improvements in the construction of the frame of a net adapted for application to a bed to protect the exposed portions of the sleeper against the attack of flies and mosquitoes, as will hereinafter fully appear.

In the drawings, forming a part hereof, Figure I is an exterior side view of the improved fly-net frame, showing the same applied to a bed. Fig. II is a plan of Fig. I without the bed. Fig. III is an end view of Fig. II. Figs. IV, V, and VI are details of the invention on an enlarged scale. Fig. VII is a top view of the invention when closed. Fig. VIII illustrates a modification in the construction of a part of the invention.

A is the ridge of the frame, and B B are legs which support the ridge above the bed, which is denoted by C. The legs B are somewhat curved at their upper ends and hinged to lugs *a a* on the plates *b b*. These plates are susceptible of a partial circular movement independently of the ridge A, and to this end the plates of each pair of legs are connected by means of a stem, *c*, which passes loosely through the ridge. The stem may, however, form a part of one of the plates, and after being passed through a hole in the ridge, riveted or otherwise secured to the other plate, as shown in Fig. V, or the two plates and the stem can be cast together and placed in a slot, *d*, in the end of the ridge and held therein by means of a pin, *e*, as shown in Fig. VIII. The circular movement of the plates *b b* is limited in both directions, to prevent the legs as they are folded from passing above the ridge or being extended longitudinally of the ridge, beyond the position in which they are shown in Fig. I. The means which I employ for this purpose consist of offsets *f* on the plates *b* and the pins *g*, which project from the surface of

the ridge. (See particularly Figs. VI and VIII.)

The frame as described is adapted for application to a bed, and when so used the ends of one pair of legs are brought nearly in contact with the edge of the bolster and pillow, which are respectively denoted by D and E.

In order that the net represented by a dotted line, Fig. I, should be supported beyond the end of the ridge, and thereby retained above the face of the sleeper, I attach the ends of a flexible bow, F, to said legs and connect the bow to the ridge by means of a tape, G, as shown in Figs. I, II, III, and VII.

In Fig. VII the device without the net is shown as folded, and in this condition it occupies little room, and in traveling may be placed in a trunk or satchel. It will be seen that the flexible bow F does not interfere in any way with the folding of the device. The lateral spreading of the legs beyond the positions shown in Figs. I and III is obviated by making the ends of the legs flat, as shown in Fig. VI, so that they may engage, when spread a proper distance, with the surface of the plates *b b*.

While the invention is especially adapted for application to a bed, it may be used in confectionary and fruit stores to protect articles from flies, and when it is to be constructed with this view it may require to have two flexible bows instead of one. The additional bow is shown in dotted lines in Fig. II.

I claim as my invention—

A folding frame for a fly-net, which consists of a ridge having pivoted supporting-legs adapted to be spread laterally and longitudinally with stops to limit their longitudinal movement, combined with a flexible bow attached to one pair of the said legs and sustained from the ridge by means of a tape, substantially as specified.

J. HARMANUS FISHER.

Witnesses:

RIDGELY DUVALL, Jr.,
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