

No. 883,325.

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K. C. MacMILLAN.
BED SCREEN AND TABLE FRAME.
APPLICATION FILED JUNE 10, 1907.

Fig. 1.

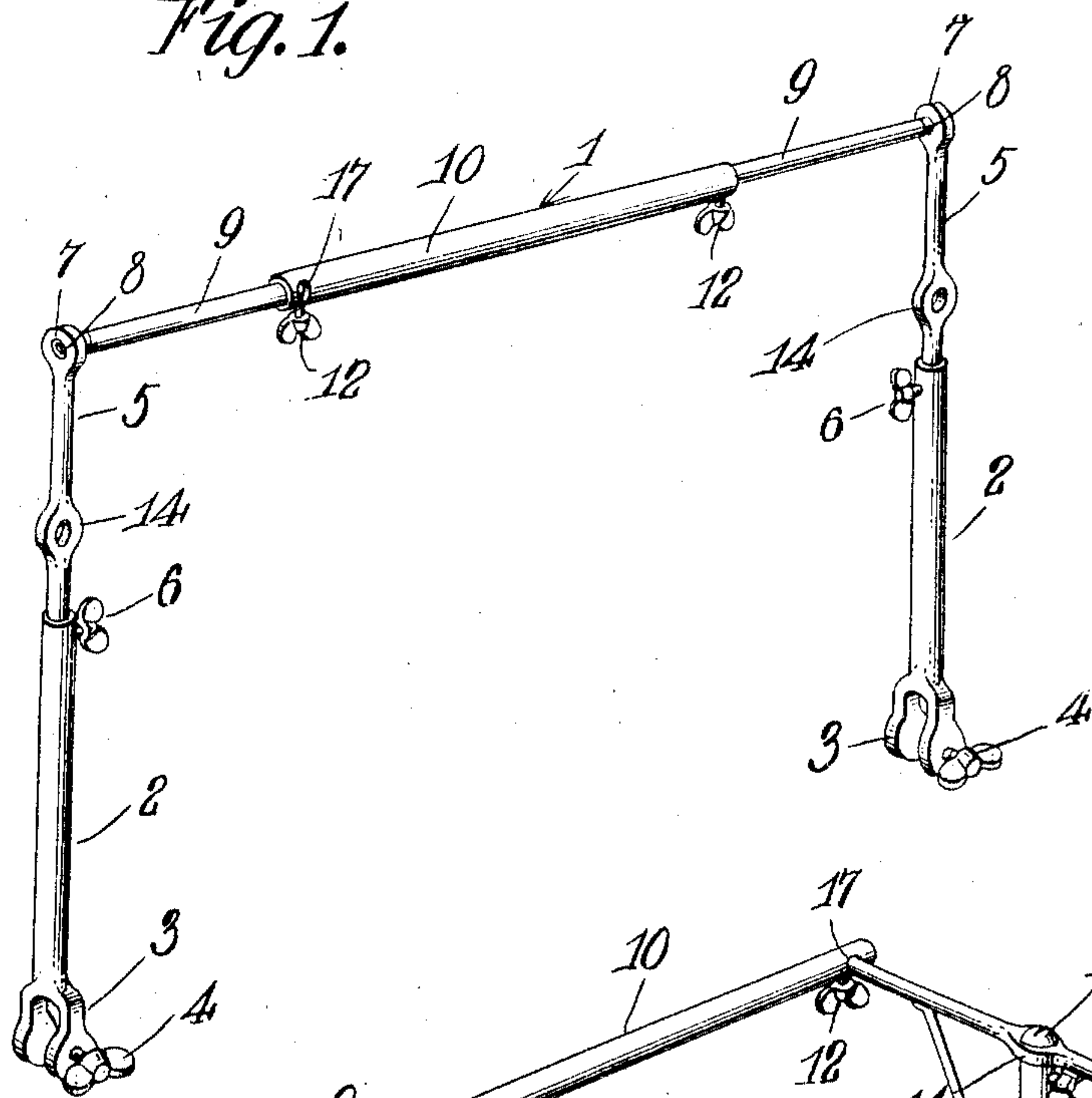
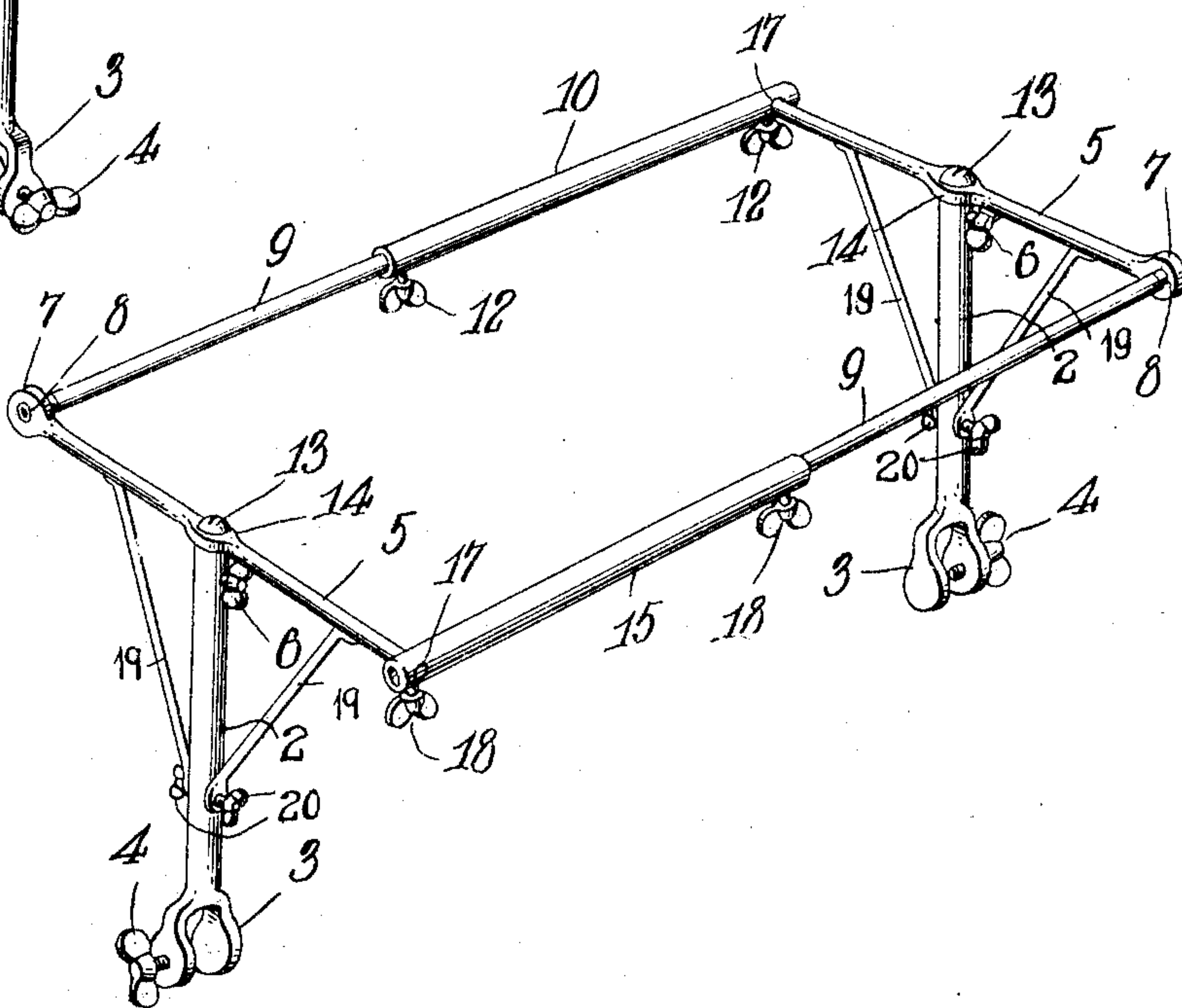


Fig. 2.



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KATHERINE C. MACMILLAN, OF PORTLAND, OREGON.

BED SCREEN AND TABLE FRAME.

No. 883,325.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed June 10, 1907. Serial No. 373,207.

To all whom it may concern:

Be it known that I, KATHERINE C. MACMILLAN, a citizeness of the United States, residing at Portland, in the county of Multnomah and State of Oregon, have invented certain new and useful Improvements in Bed Screen and Table Frames; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in bed screens and table frames.

The object of the invention is to provide a frame adapted to be secured to a bed-stand to form either a screen frame for shutting off the light and drafts from the occupant of the bed or to provide a table frame adapted to extend across the bed to support the table top or a tray.

A further object is to provide a frame of this character which may be readily adjusted to fit various sizes of frames and which may be quickly transformed from a screen frame to a table frame.

With the foregoing and other objects in view which will appear as the nature of the invention is better understood, the invention consists in certain novel features of construction, combination and arrangement of parts as will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view showing the device arranged as a screen frame to be attached to the side of the bed-stand; and Fig. 2 is a similar view of the device arranged as a table frame to support a top or a tray over the bed.

Referring more particularly to the drawings, 1 denotes the frame which consists of a pair of lower standards 2 having on their lower ends downwardly-projecting clamping lugs 3 which are adapted to be engaged with the side rails of the bed-stand and to be clamped into engagement therewith by means of set-screws 4 to support the frame upon the bed. In the upper ends of the tubular standards 2 are formed interior screw-threads by means of which the upper portion of the frame is secured thereto when arranged in the form of a table frame, as will be hereinafter more fully described. Slidably mounted in the upper ends of the tubular standards 2 are the upper sections 5 of the supporting standards, said sections being adjustably secured in the upper ends of the

standards 2 by means of set screws 6 when the frame is arranged to support a screen. On the opposite end of the upper sections 5 of the standards are formed enlargements 7 having therein threaded passages 8 to receive the threaded outer ends of the outer adjustable sections 9 of the cross-bar of the screen frame. The inner ends of the sections 9 are slidably engaged with a tubular center-section 10 of the bar, said ends of the sections 9 being adjustably secured in the opposite ends of the tubular section 10 by set-screws 12. When the parts of the frame are arranged as just described, the same is adapted for use to support a screen which may be formed by throwing a shawl or any other article or piece of cloth over the upper bar of the frame, thus providing a shield or screen by means of which light and drafts are prevented from reaching the occupant of the bed to which the frame is attached.

In Fig. 2 of the drawings is shown a different arrangement of the frame, the parts of the same being shown in this figure in the form of a table supporting frame upon which is adapted to be placed a table top of any desired construction or a tray whereby the said top or tray will be held in convenient reach of the occupant of the bed. In arranging the parts as shown in Fig. 2, the upper sections 5 of the standards are removed from the lower sections 2 and laid cross-wise on the upper ends of said latter sections. The bars 5 are detachably secured in place on the sections 2 by means of fastening screws 13 which are adapted to be passed through apertured enlargements 14 formed on the sections 5, substantially midway between the ends of the same as shown. The fastening screws 13 are adapted to be screwed into engagement with the threaded upper ends of the tubular lower sections 2 thereby securely holding the end pieces 5 in position thereon. The side pieces of the table frame are formed on one side by one of the sections 9 and the section 10 of the upper screen bar while the opposite side piece of the table frame is formed by the other section 9 of the screen cross-bar and by a supplemental tubular bar 15. The bar 15 is adapted to receive the free end of the section 9, said section being locked in engagement therewith by a set-screw 16 arranged in one side of the bar 15 adjacent to its inner end. The outer ends of the sections 10 and 15 of the side bars of the table frame are provided with trans-

versely-disposed apertures 17 into which are adapted to be inserted the free end of the pieces 5, said pieces being held in engagement with the ends of the sections 10 and 15 by set-screws 12 and 18.

When the parts are arranged to form a table frame or support, the lower ends of the standards 2 are adapted to be secured to the side rails of the bed on opposite sides of the bed-stand so that the top or tray supporting frame on the upper ends thereof will extend across the top of the bed in position to hold the top or tray within convenient reach of the occupant of the bed. In order to more firmly brace the table frame, I may if desired provide inclined brace rods 19, which are secured at their opposite ends by set screws 20 to the standard 2 and the end pieces 5, as shown, said standards and end pieces being provided with suitably arranged threaded holes to receive the screws 20.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention, as defined by the appended claims.

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

1. A bed screen and table frame comprising a pair of lower tubular standard sections, clamping lugs on the lower ends of said sec-

tions, set-screws in said clamping lugs, a pair of centrally-apertured upper standard sections adapted to be detachably connected to the upper ends of said lower standard sections to form the end bars of a top or tray supporting frame, telescopic side bars adapted to form the side pieces of said top or supporting frame, means to detachably secure the said side bars to said end bars and set screws to hold the telescopic sections of said side bars adjustably connected together, substantially as described.

2. A bed screen and table frame comprising a pair of lower tubular standard sections, clamping lugs on the lower ends of said sections, set-screws in said clamping lugs, a pair of centrally-apertured upper standard sections adapted to be detachably connected to the upper ends of said lower standard sections to form the end bars of a top or tray supporting frame, telescopic side bars adapted to form the side pieces of said top or supporting frame, means to detachably secure the said side bars to said end bars, set-screws to hold the telescopic sections of said side bars adjustably connected together and brace rods adapted to be detachably connected to said standard sections when arranged to form a tray supporting frame, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

KATHERINE C. MacMILLAN.

Witnesses:

G. P. CLEIM,
JOHN MOYLAN.