

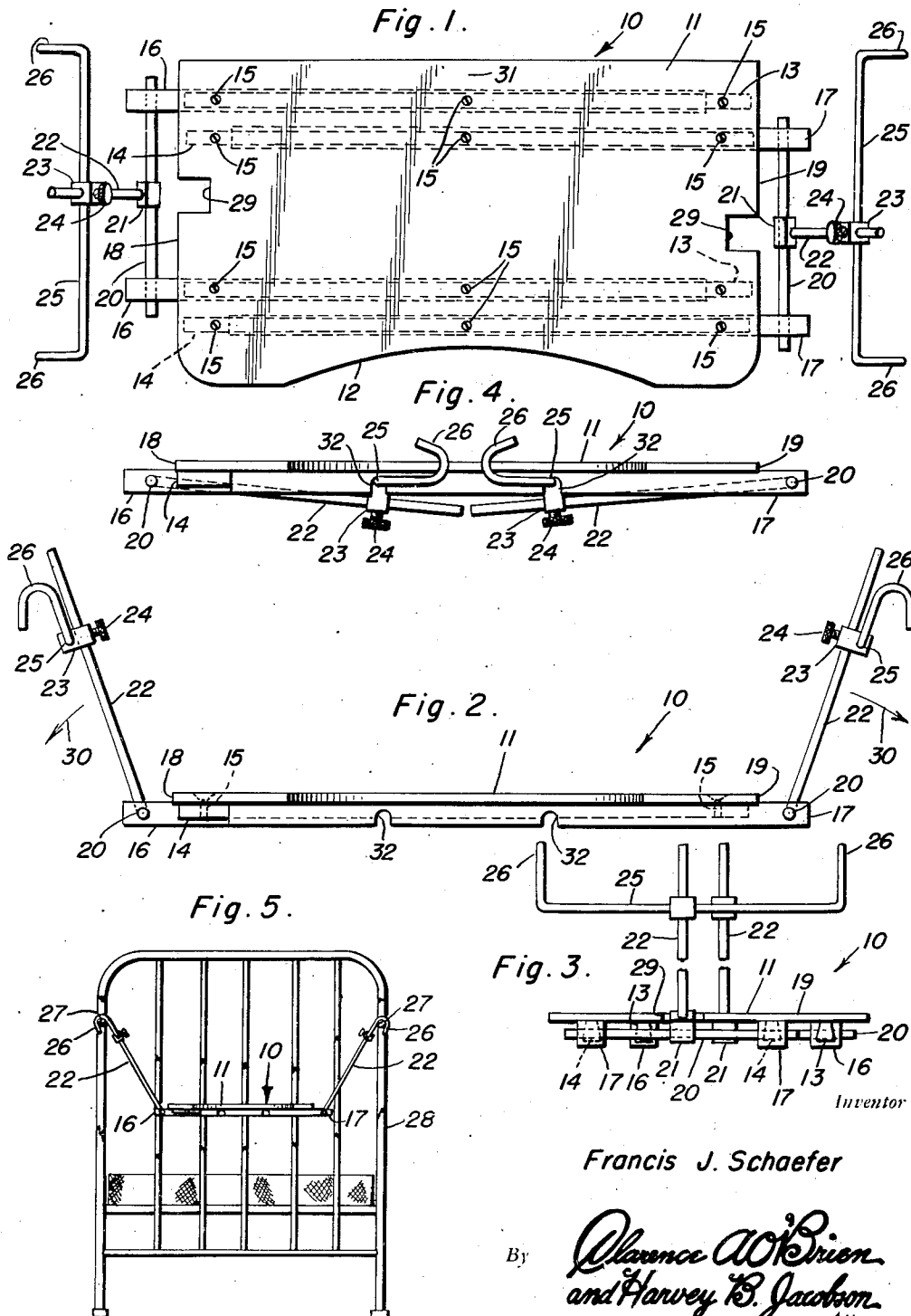
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ADJUSTABLE TRAY

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2,468,412

ADJUSTABLE TRAY

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1 Claim. (Cl. 311—26)

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This invention relates to new and useful improvements and structural refinements in adjustable trays, and the principal object of the invention is to provide a device of the character herein described, which may be easily and conveniently employed in association with babies' cribs, beds, or the like, of various types and sizes, to which it may be quickly and readily attached.

A further object of the invention is to provide an adjustable tray which, when not in use, may be easily folded, and transported or stored.

Another object of the invention is to provide an adjustable tray which is simple in construction, which will not easily become damaged, and which will readily lend itself to economical manufacture.

With the above more important objects in view, and such other objects as may become apparent as this specification proceeds, the invention consists essentially of the arrangement and construction of parts as illustrated in the accompanying drawings, in which:

Figure 1 is a top plan view of the invention, showing the same in readiness for use;

Figure 2 is a side elevational view of the device shown in Figure 1;

Figure 3 is an end view of the same;

Figure 4 is a side elevational view, similar to that shown in Figure 1, but illustrating the invention in the folded or collapsed position, and

Figure 5 is an elevational view, showing the invention in situ on a bed or crib.

Like characters of reference are used to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, the invention consists of an adjustable tray designated generally by the reference character 10, the same embodying in its construction a panel 11, configured substantially as shown, the same being preferably of elongated configuration and being provided in one longitudinal edge thereof with an arcuate recess 12, so as to conveniently accommodate the chest of the user.

The panel 11 is provided on the underside thereof with pairs of longitudinally extending guides 13, 14 which are secured to the panel by means of the screws 15, the guides 13, 14 being of a dove-tailed cross-sectional configuration and accommodating pairs of slidable extension bars 16, 17 respectively, the cross-sectional configuration of which is complementary to that of the guides.

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The extension bars 16, 17 are projectable beyond the respective ends 18, 19 of the panel 11, and the projected end portions of each pair of the extension bars are connected together by means of a transversely extending shaft 20.

A block 21 is positioned on the mid-portion of each of the shafts 20, these blocks either being rotatable on their shafts, or alternatively, the shaft being rotatable with respect to the bars (16, 17), and each of the blocks 21 is provided with a hanger arm 22.

Further blocks 23, equipped with suitable adjusting screws 24, are slidably mounted on the arms 22, and each of the blocks 23 is provided with a transversely extending rod 25, the end portions of which are angulated and arcuated to provide a pair of down-turned suspension hooks 26.

When the invention is placed in use, the hooks 26 may be engaged with the side rails or bars 27 of a bed or crib 28, so as to suspend the tray panel 11 in an appropriate position with respect to the user. Needless to say, the position of the blocks 23 on the arms 22 may be adjusted, and further adjustment is facilitated by virtue of the guides and extension bars 13, 14 and 16, 17 respectively, so that the tray may be easily and effectively employed in association with beds or cribs of various sizes or types.

When the invention is not in use, it may be collapsed or folded for purposes of transportation or storage, this being facilitated by simply sliding the bars 16, 17 inwardly, that is, to their retracted positions, during which action the blocks 21 will be conveniently received in suitable recesses or notches 29 with which the end portions 18, 19 of the panel 11 are provided.

Thereupon, the hanger arms 22 may be simply swung in the direction of the arrows 30, so that the suspension hooks 26 "straddle" the mid-portion 31 of the panel 11, while the rods 25 are accommodated in suitable recesses or notches 32 formed in the guides and bars 13, 14 and 16, 17 respectively.

It is believed that the advantages and use of the invention will be clearly understood from the foregoing disclosure and accordingly, further

description thereof at this point is deemed unnecessary.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

Having described the invention, what is claimed as new is:

In an adjustable tray, the combination of an elongated panel, outwardly extending arms pivotally mounted at the end of said panel, and transversely extending rods having intermediate portions thereof attached to said arms, the end portions of each rod being angulated to provide a pair of spaced parallel suspension hooks, the distance between the hooks in each pair being greater than the width of an intermediate portion of said panel, whereby said hooks may straddle and extend upwardly past the side edge por-

tions of said panel when said arms are folded under the latter.

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