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WORKTABLE FOR INVALIDS

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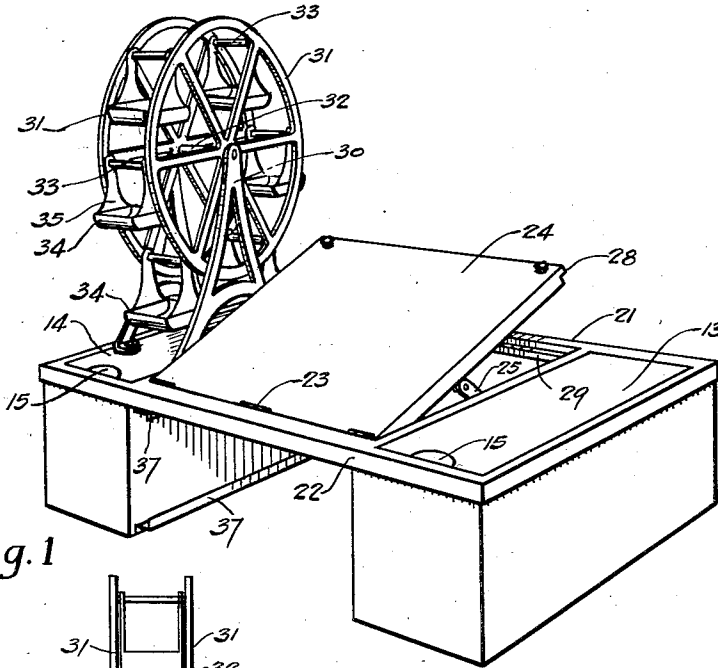


Fig. 1

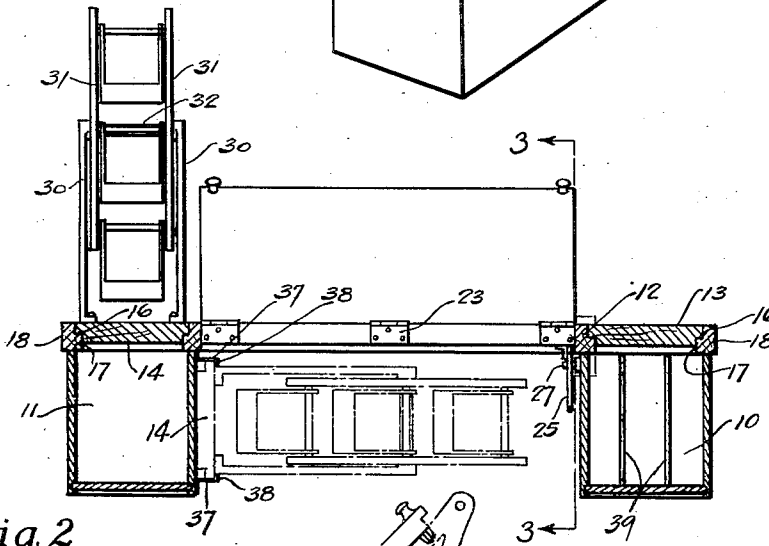


Fig. 2

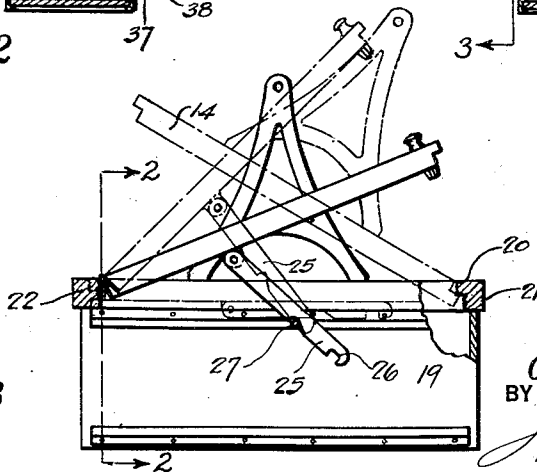


Fig. 3

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WORKTABLE FOR INVALIDS

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This invention relates to work tables and particularly to tables of this type that are especially adapted for use by invalids.

The principal object of the invention is to provide a new and improved construction for such a table which has associated with it ample storage compartments and receptacles for holding various articles so that such articles may be readily accessible to the person using the table without making it necessary for the user to move from a seated or reclining position.

Another object of the invention is to provide a sturdy, simple and inexpensive construction for a device of the character above referred to.

A further object is to associate with such a device a rotatable member which carries a plurality of receptacles or trays in which various objects are adapted to be placed and maintained within easy reach of the user.

Another object is to so construct the table that the rotatable, receptacle carrying member may be housed or nested within the central recessed portion of the table so as to enable the entire device to be compactly stacked or packed in a minimum of space for storing or shipping purposes.

The above and other objects will appear more fully from the following more detailed description and by reference to the accompanying drawing which shows a satisfactory constructional example of the invention without defining its limits and wherein Fig. 1 is a perspective view of a table constructed in accordance with the principles of the invention; Fig. 2 is a section taken on the line 2—2 of Fig. 3; and Fig. 3 is a section on the line 3—3 of Fig. 2.

As shown in the drawing the table comprises a pair of side compartments 10, 11, each of which is hollow, to provide ample storage space. The bottoms of the compartments 10, 11, in the particular constructional example illustrated, form the supporting surfaces upon which the table may rest upon the side portions of, for example, a bed. Between the inner side walls of the compartments 10, 11, a recess 12 is provided of ample dimensions to enable the table to be placed over the legs of

an invalid without any part of the weight of the table resting upon the user. The compartments 10 and 11 are provided with removable closures 13, 14, respectively. The construction of each of these members is similar and each advantageously includes a recess 15 at its front portion for permitting it to be raised by the user in order that access into the interior of the compartment may be readily obtained. Each closure 13, 14 has an outwardly projecting flange or rib 16 along its side edge and front portions which seats upon a flange 17 provided in the table top sections or rails 18 so that the top surfaces of the closures 13, 14 will be held flush with the table top when the closures are in closed position. At its rear end each of the closures 13, 14 is provided adjacent to its lower surface with a projecting rib 19 adapted to engage under a cooperating rib 20, projecting inwardly from the rear rail 21 of the table. The purpose of this construction is to provide a fulcrum support for the closures 13, 14 which enables them to be swung from the positions shown in Figs. 1 and 2 to the dotted line positions shown in Fig. 3.

Suitably hinged to the front rail 22 of the table, as by means of the hinges 23, is a central table top 24 which is adapted to be swung from a position in horizontal alignment with the closures 13, 14 to adjusted inclined positions, as indicated in the drawing. Any suitable means may be provided for holding the top 24 in adjusted, inclined position; as shown in the drawing the top 24 has pivotally secured to its under side a bar 25, provided at spaced intervals with notches 26, adapted to engage with a pin 27 which projects laterally from the inner side wall of the compartment 10.

At its rear side the table top 24 is provided with a rib or flange 28 which is adapted to rest upon a similar rib 29 formed on the rear rail 21.

For the purpose of supplying a plurality of readily accessible receptacles, adapted to hold small articles, I provide a pair of bracket members 30 between which is rotatably supported a pair of spaced spider wheels 31. These wheels are mounted upon a central

shaft 32 which may be fixed at its ends in the brackets 30 with the spiders 31 rotatable on the shaft, or the spiders may be fixed on the shaft and the latter made rotatable in the brackets. Located at spaced intervals adjacent to the periphery of the wheels 31, and suitably secured to the wheels, is a plurality of cross-bars 33. These bars are preferably employed for holding the wheels in spaced relationship. Rotatably mounted upon each bar 33 is a receptacle 34 in the form of a tray which is hung from its respective bar 33 by means of the side pieces 35, the latter being provided adjacent to their tops with apertures through which the bars 33 pass loosely.

The bottoms of the brackets 30 are provided with the inwardly turned flanges 36, which form an ample supporting surface for the rotatable, receptacle carrier and through which screws or other means may pass for securely fastening the rotatable receptacle to the closure.

In order that the table may be packed into a minimum space for storage or shipping, means are provided whereby the rotatable, receptacle carrying device may be securely held in nested relationship within the central recess 12 of the table. This is accomplished by providing the inner side wall of the compartment 11 with a pair of slide brackets 37. Each of the brackets includes a flange 38 under which the ribs or flanges 16 of the closure 14 are adapted to be snugly received. As shown in Fig. 2 the flange 38 of the lower bracket 37 face opposite to the flange of the upper bracket, and the flange of the brackets are located in proper alignment so that when it is desired to place the rotatable, receptacle carrier within the recess 12, the ribs 16 of the closure 14 may be readily slid into engagement with the flanges 38 of the brackets 37.

It will be seen from the above that a table constructed in accordance with the present invention has marked advantages. If used, for example, by a sick child, crayons, small toys, articles of food, etc. may be placed in the swinging receptacles 34, so that the child may have an ample supply of articles with which it can be readily amused. The table top 24 may be placed in the inclined position for reading or looking at picture books, or may be swung to the horizontal position and the top thereof used as a surface over which wheeled toys may be run. Likewise, when the top is placed in the horizontal position it may be used for the service of meals.

For convenience in the holding of books, magazines, and similar articles, one or both of the compartments may be equipped with partitions 39 to keep them upright.

While I have shown a satisfactory and preferred constructional example, it will be understood that the invention is not limited to the specific constructional details shown,

but that many changes, variations and modifications may be resorted to without departing from the spirit of the invention.

I claim:

1. An invalid work table or the like comprising a table top, means adjacent to the ends of said top for supporting the same horizontally in spaced relation above a bed or the like and an upwardly projecting rotatable receptacle-carrying device removably mounted transversely of the table top and adjacent one end thereof.

2. An invalid work table or the like comprising a table top, means adjacent to the ends of the table top for supporting the same horizontally in spaced relation above a bed or the like, an upwardly projecting rotatable receptacle-carrying device removably mounted transversely of the table top adjacent one end thereof, and means associated with said first named means for storing said receptacle-carrying device in nested relationship below said table top.

3. An invalid work table or the like comprising a table top, means including a side storage compartment for supporting the table top horizontally in spaced relation above a bed or the like and a removable closure for said compartment having an upwardly projecting receptacle carrying device mounted thereon.

4. An invalid work table or the like comprising a table top, means including a side storage compartment for supporting the table top horizontally in spaced relation above a bed or the like and a removable closure for said compartment having a rotatable carrying device mounted thereon comprising a plurality of swinging trays.

5. An invalid work table or the like comprising a table top, means including a side storage compartment for supporting the table top horizontally in spaced relation above a bed or the like, a removable closure for said compartment having an upwardly projecting receptacle carrying device mounted thereon, and means on the inner side wall of said compartment for removably holding said closure and carrying device in nested relationship below the table top.

6. An invalid work table or the like comprising a table top, a pair of spaced side storage compartments, the bases of which provide supporting surfaces upon which the table may rest with the table top in horizontal and spaced relation above a bed or the like, a removable closure for one of said compartments having an upwardly projecting receptacle carrying device mounted thereon and means for removably holding said closure and carrying device in nested relationship below the table top in the space provided between the inner side walls of said compartments.

7. An invalid work table or the like comprising a table top, a pair of spaced side stor-

age compartments, the bases of which provide supporting surfaces upon which the table may rest with the table top in horizontal and spaced relation above a bed or the like, a removable closure for one of said compartments having an upwardly projecting receptacle carrying device mounted thereon, and means comprising brackets mounted on the inner side wall of one of said compartments for removably holding said closure and carrying device in nested relationship below the table top in the space provided between the inner side walls of said compartments.

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