Aug. 14, 1951 A. TOUCHBERRY 2,564,135

COLONIC THERAPY TABLE DEVICE

Filed May 6, 1947 3 Sheets-Sheet 1

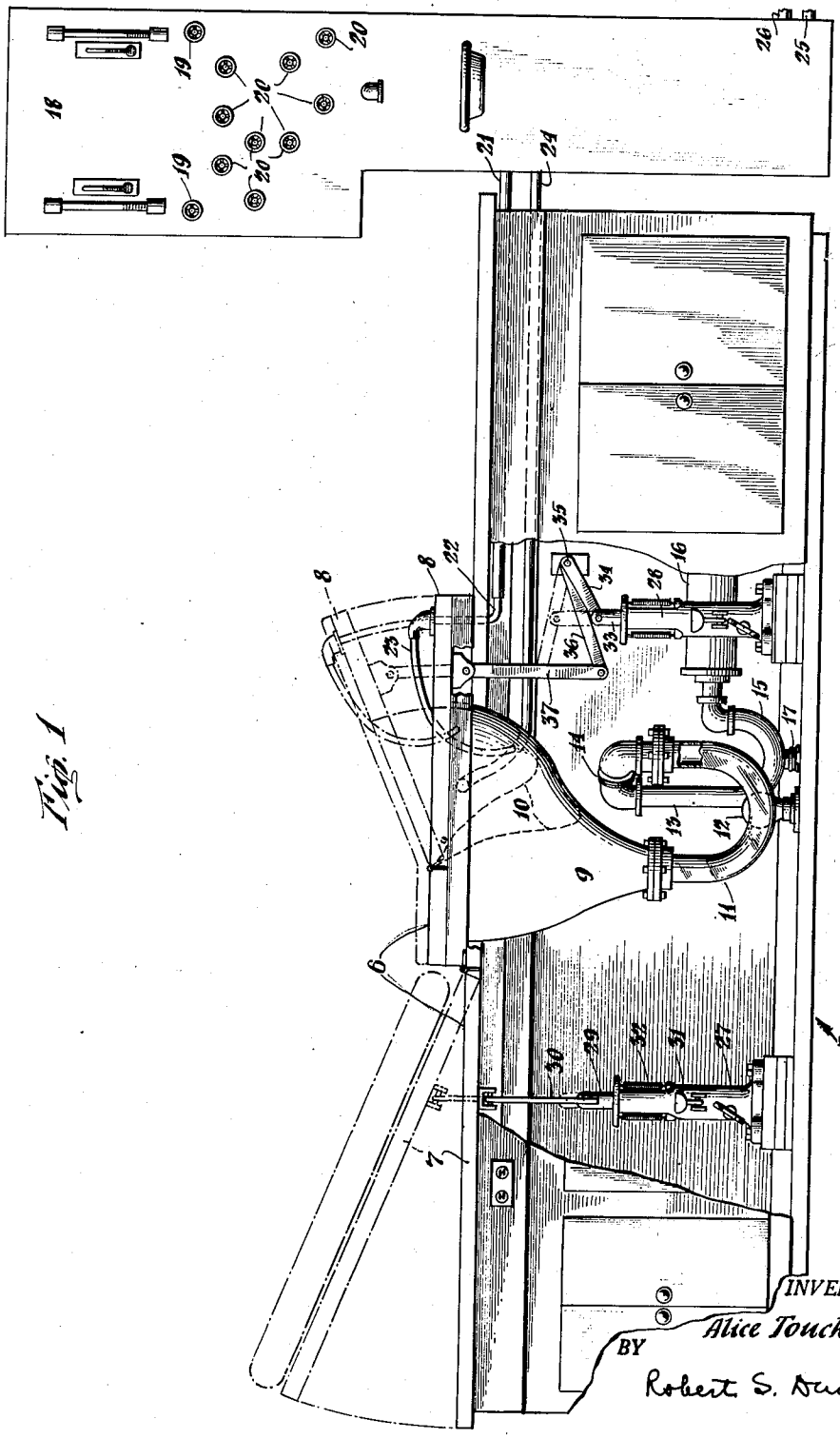


Fig. 1

INVENTOR.
Alice Touchberry
BY
Robert S. Dunham
ATTORNEY.

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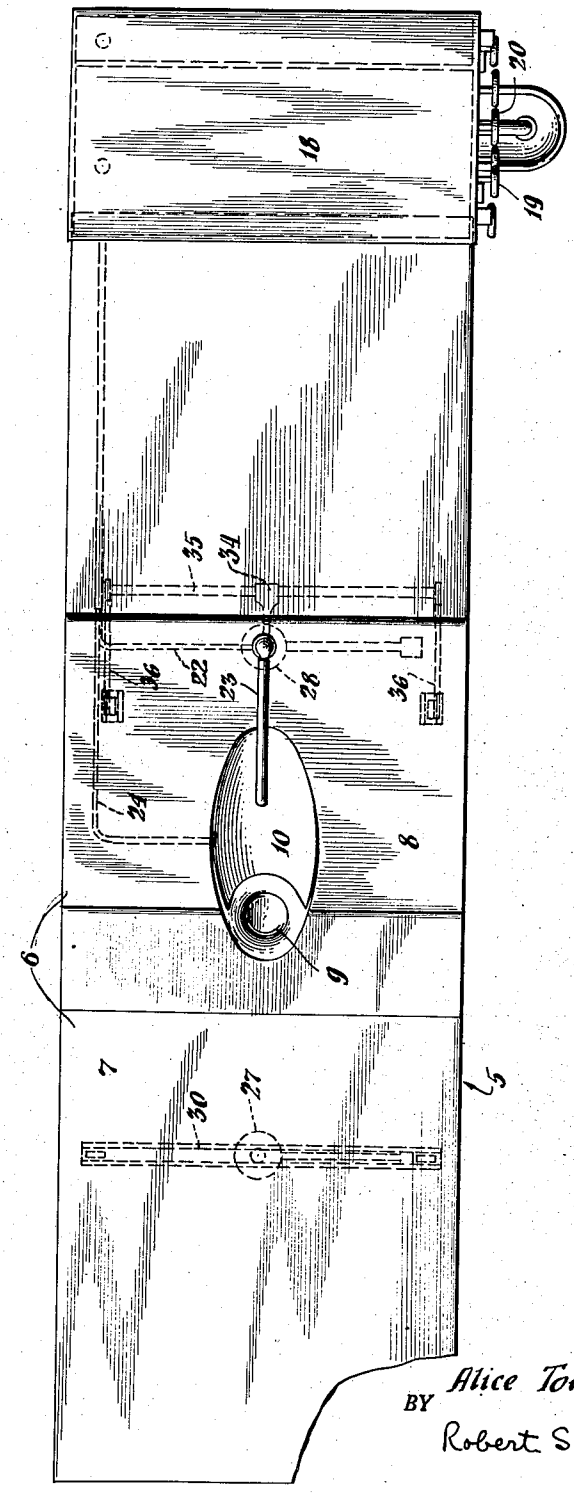


Fig. 2

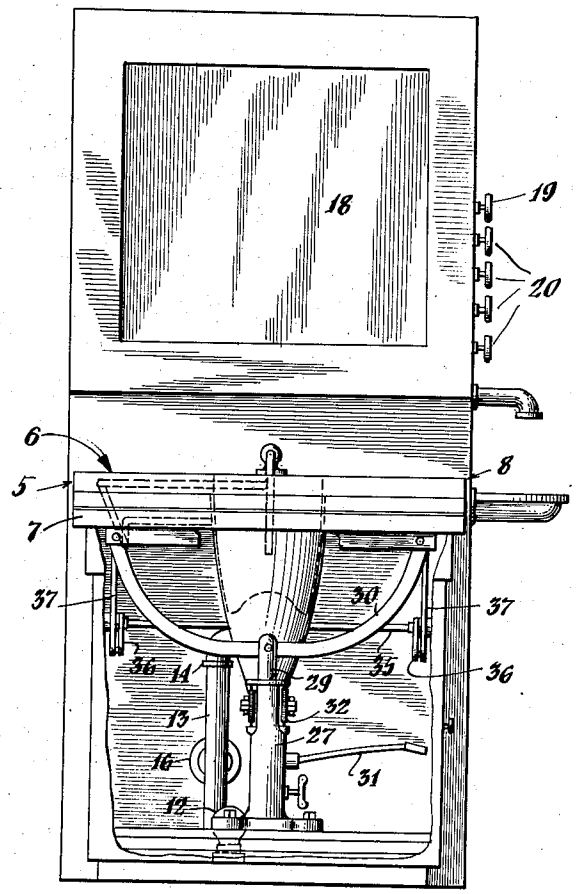
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Alice Touchberry
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ATTORNEY

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Fig. 3



INVENTOR.
Alice Touchberry
BY
Robert S. Dunham
ATTORNEY

Patented Aug. 14, 1951

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UNITED STATES PATENT OFFICE

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COLONIC THERAPY TABLE DEVICE

Alice Touchberry, Palm Beach, Fla.

Application May 6, 1947, Serial No. 746,357

2 Claims. (Cl. 311—9)

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This invention relates to operating tables, the primary object of the invention being to provide a table of this character which is especially adapted to facilitate colon therapy treatments.

An important object of the invention is to provide a table of this character having an opening under which a bowl is supported, the bowl being arranged to catch the waste material, means being also provided for trapping the eliminated waste material for examination and analysis.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts, hereinafter more fully described and pointed out in the claims, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawings:

Figure 1 is a side elevational view of an operating table, constructed in accordance with the invention, a portion of one side of the table being broken away to illustrate the working parts of the table.

Figure 2 is a plan view of the table.

Figure 3 is an end elevational view of the table.

Referring to the drawings in detail, the table is indicated generally by the reference character 5, and is in the form of a cabinet having the top 6 thereof constructed to provide adjustable sections 7 and 8, which sections are hingedly connected to the table top at points adjacent to the bowl 9 which has its upper end extended through the table top, as clearly shown by Figure 1 of the drawings.

The adjustable section 8 extends well over the bowl, and is provided with a curved opening and a guard 10 that extends into the upper portion of the bowl, to close the space between the adjustable section 8 and the top of the bowl, against material, eliminated by the patient, passing onto the table between the section 8 and other regions of the table top.

The outlet pipe 11, which connects with the bowl, is constructed of transparent material, and is curved to provide a trap, so that the material passing from the bowl may be viewed and inspected.

Directly at the rear of the outlet pipe 11, is an electric lamp 12 adapted to project the light rays through the outlet pipe 11 to render the waste material passing through the pipe 11, clearly visible.

The pipe 11 connects with the vertical pipe 13,

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through the couplings 14, the pipe 13 having its lower end curved upwardly as at 15 where it connects with the tank 16, to discharge material thereinto.

A plug 17 is provided in the upwardly curved end 15, so that by removing the plug, samples may be taken from the eliminated material, for inspection and analysis.

Mounted at one end of the table, is a vertical cabinet 18 in which suitable tanks not shown are mounted, the tanks being designed to contain the liquids used in treating patients. Valves indicated at 19 and 20 serve for control of the passage of the solutions or hot or cold water from the tanks and for related purposes.

Extending from the tank containing the solution, is a pipe 21 which is provided with an adjustable section 22, preferably rubber, which connects with the rubber tubing 23 to which an especially designed rectal tube is secured. Through such tube the solution flows into the colon of the patient, from which an uninterrupted outflow of the material takes place, expelling around this tube.

The pipe 24 extends from the cabinet 18, and is adapted to discharge a spray of water into the bowl to flush the bowl.

It will, of course, be understood that the tanks of the device may be in communication with suitable sources of hot and cold water supply, through the pipes 25 and 26, to the end that the operator may, by manipulating the various valves 19, 20 of the cabinet, control not only the flow of solution, but also the supply and discharge of hot and cold water, as well as the drain from the tanks.

Mounted within the cabinet of the device, are the hydraulic jacks 27 and 28, the jack 27 being supported adjacent to the left hand end of the cabinet. The jack 27 includes a plunger 29 that has pivotal connection with the substantially U-shaped arm 30 that has its ends pivotally connected with the adjustable section 7. An operating pedal 31 controls the passage of fluid to the jack to operate the jack in one direction. Coiled springs 32 operate to return the plunger 29 to its normal position.

Also mounted within the cabinet is the similar jack 28. Pivoted to the upper end of the plunger 33 of the jack 28, is the arm 34 that is secured to the shaft 35 that extends transversely of the cabinet proper. Arms indicated at 36 are also secured to the shaft 35 and pivotally connect with the vertical links 37 that connect with the adjustable section 8 of the table to raise and lower

the section 8 and secure the section 8 in various positions of adjustment.

The invention of a colonic therapy table having vertically adjustable, swinging sections, which is disclosed herein, is claimed in my Patent No. 2,506,183, granted May 2, 1950, upon application Serial No. 777,084, filed September 30, 1947.

What is claimed is:

1. A colonic therapy device comprising a patient-supporting structure having an opening and adapted to receive a patient in recumbent position, a flush bowl under the opening, a discharge pipe, and a pipe section establishing communication between the bowl and discharge pipe, said pipe section being curved in an upwardly turned U-shape and being constructed of transparent material, providing a trap through which material may be viewed on its passage between the bowl and the discharge pipe, said flush bowl and pipe section being valveless and constituting with said discharge pipe, a continuously and permanently open passage for flow of material received by the flush bowl.

2. In apparatus for colonic therapy, in combination, a device having a supporting surface for supporting a patient in recumbent position, a waste receiving vessel opening through said surface, and discharge pipe means for said vessel, said pipe means including a U-shaped trap section disposed with the arms of the U projecting upwardly, and said trap section being transparent to afford observation of material passing from the vessel through the discharge pipe means, said waste receiving vessel and discharge pipe means being valveless and constituting a continuously and permanently open passage for flow of material received by said vessel.

ALICE TOUCHBERRY.

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