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J. L. COX

1,622,903

MEDICAL APPLIANCE

Filed Oct. 20, 1925

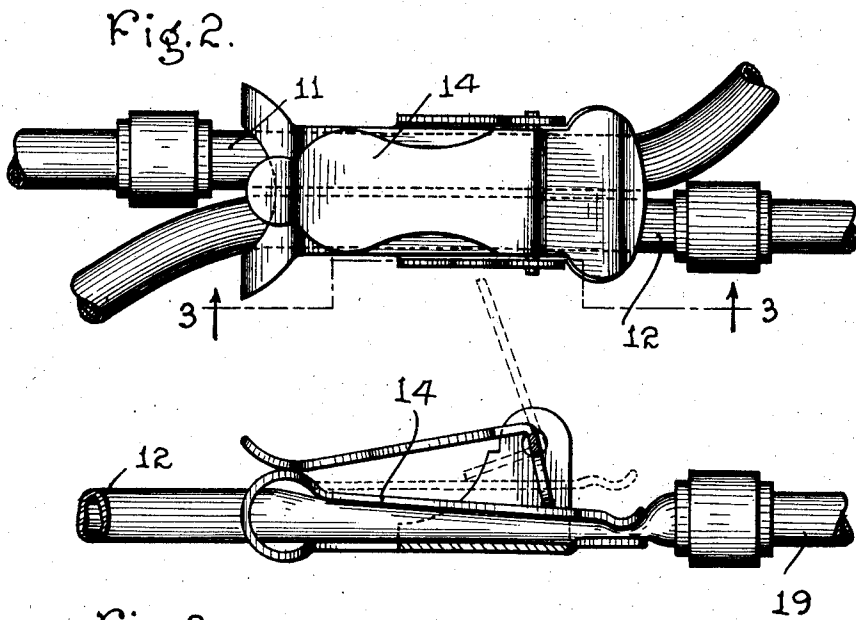
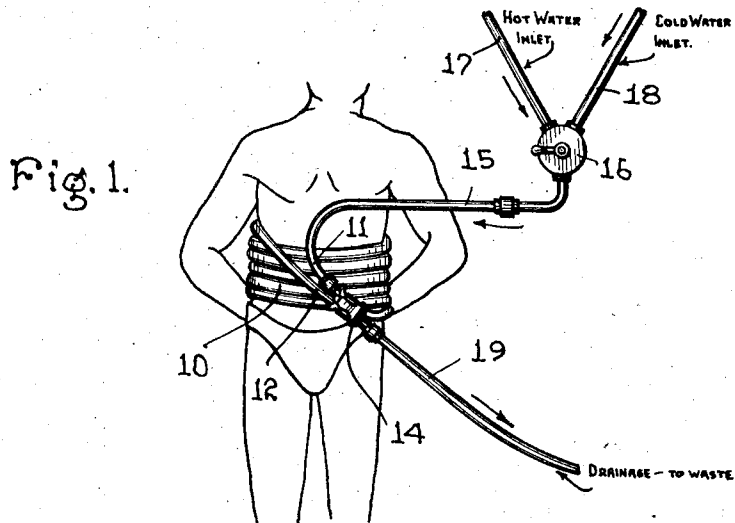


Fig. 3.

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MEDICAL APPLIANCE.

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The object of the invention is to provide a device for use upon the human form that the latter may be subjected to the beneficial effects of a fluid agent, such as hot or cold water, or a properly tempered fluid; and to provide a construction capable of use either as a means for the continuous circulation of the fluid agent, or for the retention of the same so that the user may move about while receiving treatment with the device.

With this object in view, the invention consists in a construction and arrangement of parts of which a preferred embodiment is illustrated in the accompanying drawings, wherein:

Figure 1 is an elevational view of a portion of a human figure, showing the device applied in operative position.

Figure 2 is a plan view of the connection between the extremities of the circulating tube.

Figure 3 is a sectional view on the plane indicated by the line 3—3 of Figure 2.

The invention consists of a flexible tube 10 of rubber or the like, so that it may be wrapped around any part of the human form, it being illustrated in the drawings as applied to the body above the waist-line. The separate convolutions of the coil may be laid close together or separated as best suits the conditions and the extremities 11 and 12 are crossed, being passed through and engaged by a clamp 14. The extremity 11 is coupled to the intake tube 15 leading from the three-way valve 16 with which communicate the hot and cold water inlet tubes 17 and 18. The extremity 12 is connected with a waste tube 19.

The clamp 14 is of conventional form and when the subject is being treated by the circulation of the fluid agent, the clamp 14 is left in the unlatched position indicated in dotted lines in Figure 3. Either hot or cold water may then be made to circulate through the tube, depending upon the position of the plug of the three-way valve 16; or the water may be properly tempered by the proper setting of the valve, the latter being of the conventional form of tempering valve.

If it be desired to fill the tube 10 with the treating agent, whether it be hot or cold or tempered water, the operation is the same as when the agent is circulated, but the clamping member 14 is then moved to closed position and the crossing portions 11 and 12 of the tube are compressed and then what water remains in the tube is trapped therein. The waste tube 19 and inlet tube 15 may then be uncoupled from the extremities 11 and 12 of the tube and the device will be supplied with the treating agent so that the patient may move around.

The invention having been described, what is claimed as new and useful is:

A medical appliance comprising a coil for application in surrounding relation to the human form, the terminals of the coil being crossed, a combined closing and holding means connecting said terminals, and supply and discharge tubes detachably connected with said terminals.

In testimony whereof he affixes his signature.

JOHN L. COX.