

**PATENT NO. 330609**  
**SYSTEM FOR PROVIDING RESTORATIVE/RELAXATION BATHING**

**APPLICATION NO.** 1703/DEL/2008

**APPLICANT**

Indian Institute of Technology Delhi,  
Central Council for Research in Aurveda and  
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**ABSTRACT**

The present invention provides a system/instrument which has an electronically controlled mechanism for providing restorative therapy or bathing.

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**CLAIM 1**

A system for providing restorative/ relaxation bathing, said system comprising:

(a) X-Y motion assembly comprising:

(i) a first channel elongated along a first direction,

(ii) a first carriage means disposed in the first channel and movable in the first channel along the first direction; (iii) a second channel elongated along a second direction which is orthogonal

to the first direction, (iv) a second carriage means disposed in the second channel and movable in

the second channel along the second direction; said second channel is mounted on the first carriage means so as to being movable along the first direction;

(b) an elongated column for mounting the X-Y motion assembly at a predetermined height above the ground;

(c) a base portion for mounting the column thereby providing a support to the X-Y motion assembly;

(d) a fluid dispenser mounted on the second carriage assembly and in fluid flow communication with the fluid supply unit for receiving the fluid therefrom; said fluid dispenser is provided with a fluid level sensor for identifying the level of fluid in the fluid dispenser;

(e) a heating unit for storing a fluid which is to be used for the restorative/ relaxation bathing; said heating unit is provided with a temperature sensor for identifying the temperature at which the fluid is to be maintained inside the heating unit;

(f) a fluid supply unit for receiving the heated fluid from the heating unit and supplying the same to the fluid dispenser for restorative/ relaxation bathing;

(g) a first stepper motor and a second stepper motor connected with the first carriage means and the second carriage means for moving the first carriage means and the second carriage means along the first and the second direction;

(h) a control unit coupled with a stepper motor and configured to control the operation of the stepper motor thereby controlling the movement of the first carriage means and the second carriage means along the first direction and the second direction respectively thereby moving the fluid dispenser so as to follow a predetermined locus.