CLAIMS

1. A laundry apparatus (1000) comprising
a housing (200); and
one or more panels (400) within the housing (200), each with at least one surface provided with one or more nozzles (410) facing an article to be treated by fluid discharged by the nozzles (410);
wherein the panels (400) are configured to be movable by a moving mechanism to adjust their distance from the article; and
wherein the moving mechanism comprises a rod (300) connecting the panels (400) and providing at least one track to allow the panels (400) to move therealong; and an actuator to control movement of the panels (400).

2. The laundry apparatus (1000) according to claim 1, further comprising a sensor for detecting thickness of the article.

3. The laundry apparatus (1000) according to claim 1 or 2, wherein the moving mechanism is configured to move the one or more panels (400) according to the detected thickness of the article positioned adjacent one panel (400), or between two panels (400).

4. The laundry apparatus (1000) according to the preceding claims, wherein the article is hung onto the rod (300) by a hanger.

5. The laundry apparatus (1000) according to the preceding claims, further comprising a water supplying system for supplying fluid in the form of water to be discharged from the nozzles (410), wherein the water supplying system includes a water source (710), and a pump (720) for controlling pressure of the water.

6. The laundry apparatus according (1000) to the preceding claims, wherein the housing is formed with a detergent inlet (500) for receiving detergent.

7. The laundry apparatus (1000) according to the preceding claims, further comprising a heating system that includes a heater (810) and a compressor (820) for supplying heated fluid in the form of air into the housing (200) through the nozzles (410).

8. The laundry apparatus (1000) according to claim 7, wherein the housing (200) is provided with a fragrance product receiver (600) at a position after the heating system with respect to an ingress direction of the heated fluid into the panels (400).

9. The laundry apparatus (1000) according to the preceding claims, wherein the laundry apparatus (1000) comprises at least one array of panels (400) that each includes two spaced apart panels (400) which are at least substantially vertically positioned in a parallel manner.

10. The laundry apparatus (1000) according to claim 9, wherein the laundry apparatus (1000) comprises two or more array of panels (400) that are arranged in a vertical configuration.

11. The laundry apparatus (1000) according to the preceding claims, wherein each panel (400) is internally formed with a fluid supply compartment to accommodate the fluid to be discharged from the nozzles (410).

12. The laundry apparatus (1000) according to the preceding claims, wherein each panel (400) is configured to have a plurality of nozzles (410) arranged in a grid pattern on its surface.

13. The laundry apparatus (1000) according to the claim 12, wherein the plurality of nozzles (410) of each panel (400) is arranged in rows or columns with one row or column connected to an adjacent row or column by a tube (420).

14. The laundry apparatus (1000) according to the preceding claims, further comprising a drainage system to remove unwanted water from the housing (200).

15. The laundry apparatus (1000) according to the preceding claims, further comprising a ventilation system to expel moisture, unwanted air, or both from the housing (200).