[0036]

In the lower limb bouncing device 1 of the present embodiment, the motor 3 rotates the eccentric cam 34 which pivots up and down the pivotable plate 6 which in turn swings up and down the flap 2 secured to the pivotable plate 6. The flap 2 is not necessarily swung up and down by this particular drive mechanism. Alternatively, the mechanism may include a combination of various gears, a chain complete with a sprocket, or a belt.

[0037]

The invention being thus described, it will be obvious that the same way may be varied in many ways. Such variations are not to be regarded as a departure from the spirit and scope of the invention, and all such modifications as would be obvious to one skilled in the art are intended to be included within the scope of the following claims.

Industrial Applicability

[0038]

The lower limb bouncing device in accordance with the present invention is useful for improving health in various environments where a chair or seat is available.

Reference Signs List

[0039]

1	Lower Limb Bouncing Device
2	Flap
21	Heel Resting Surface
3	Motor
32	Output Axis
34	Eccentric Cam
4	Foot
41	Heel

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