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(54) **Title:** SYSTEM FOR GENERATING A LINEAR MOVEMENT

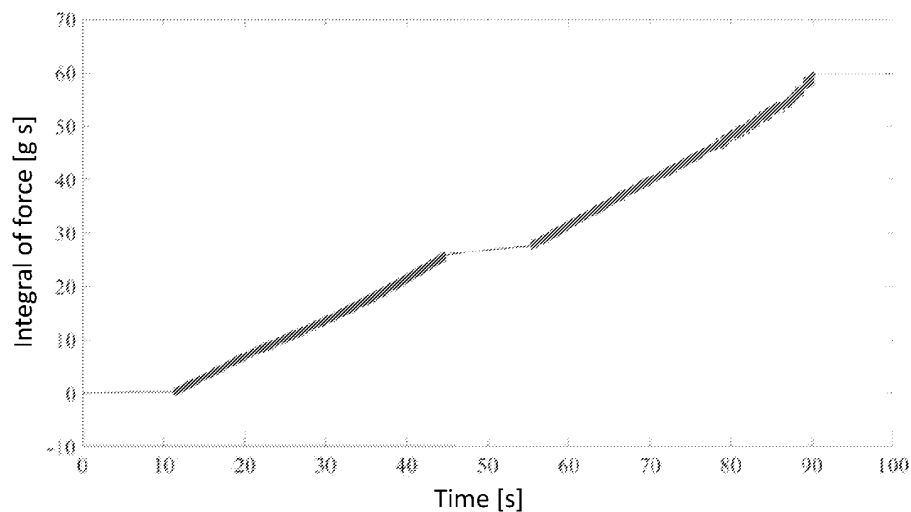


FIG. 19

(57) **Abstract:** The present invention generally relates to a system for generating a linear movement, comprising an electromagnetically charged body (30, MM) which is free to move along a main direction, a static field generator (50, Bob), and two buffer elements (20,40; RM,RM; ML, ML; MA,MA; MF,MF). The movement of the electromagnetically charged body (30, MM) along the main direction is controlled by the static field generator (50, Bob) and by the buffer elements (20,40; RM,RM; ML, ML; MA,MA; MF,MF). The static field generator (50, Bob) is alternately powered with a power profile such as to generate the displacement of the system in one of the two ways along said main direction.

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