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United States Patent [19]

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Foster, Sr.

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[54] INERTIAL PROPULSION PLUS/DEVICE AND ENGINE

[76] Inventor: **Richard E. Foster, Sr.**, 13849 Reed Ave., Baton Rouge, La. 70818

[21] Appl. No.: **683,051**

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[51] Int. Cl.⁶ **F16H 33/20; B62D 57/04**

[52] U.S. Cl. **74/84 R; 74/845; 180/7.1; 244/62; 244/172; 440/113**

[58] Field of Search **74/84 R, 84 S; 180/7.1; 244/62, 172; 440/113**

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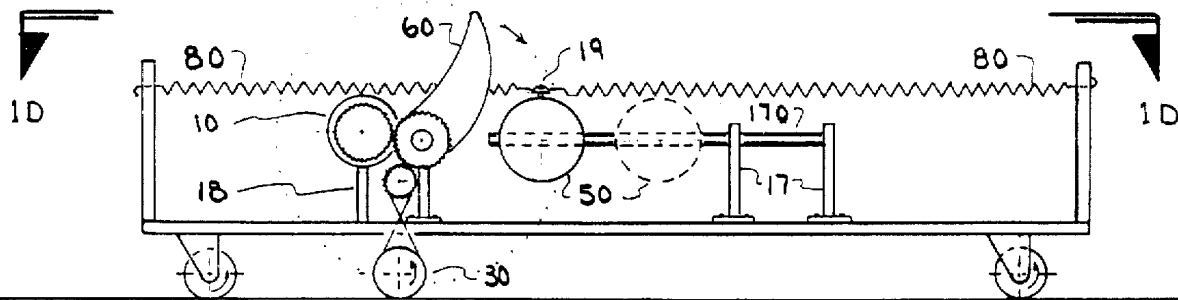
Product Engineering; p. 63; Article titled "Inertial drive", Mar. 14, 1966.

Primary Examiner—Allan D. Herrmann

[57] ABSTRACT

Devices herein described utilize vehicles that are propelled, braked, and steered by means of a process called Inertial Propulsion Plus. This consists of a "power phase" to extend the weight(s) from the vehicle, alternated with a "null phase" to cancel out the return phase or stroke reactions. This process is made workable by selectively applying a pure external force derived from the pathway and opposing the movement of the weight(s) on the power phase. For non-travel-related applications, the inherent displacement can be harnessed by a treadmill or other ways for a power source to increase available power and reduce pollution.

7 Claims, 12 Drawing Sheets



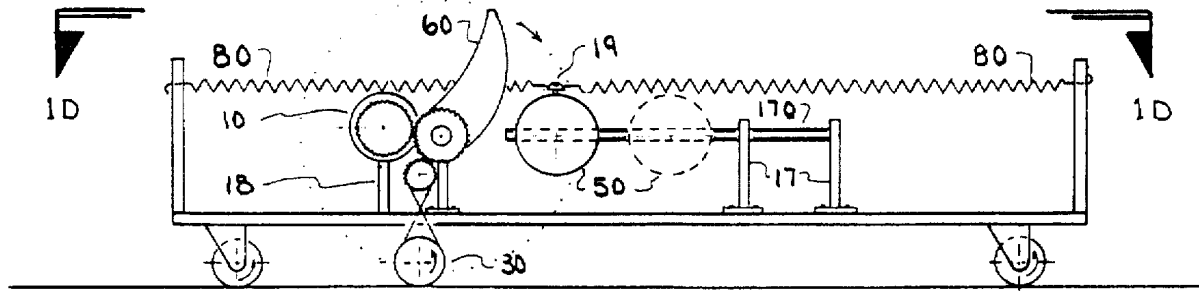


FIG 1A

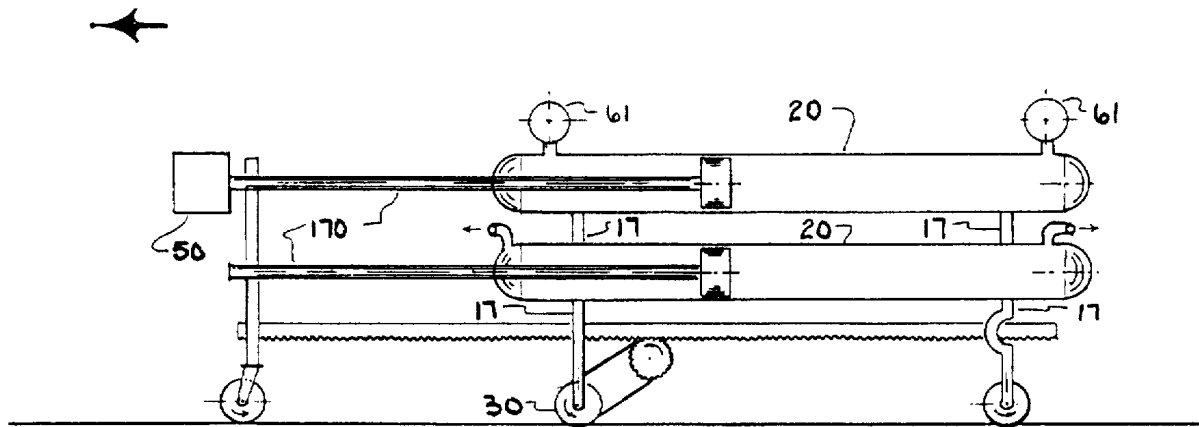


FIG 1b

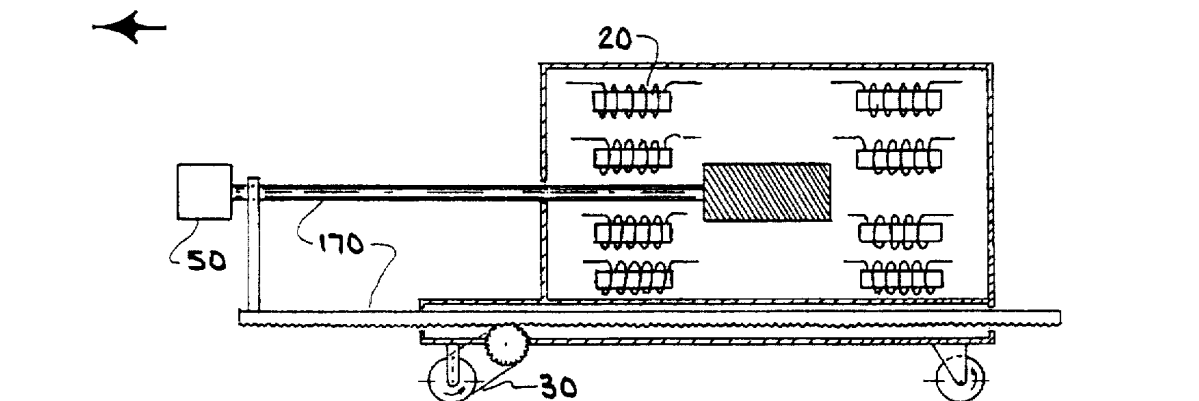


FIG 1c

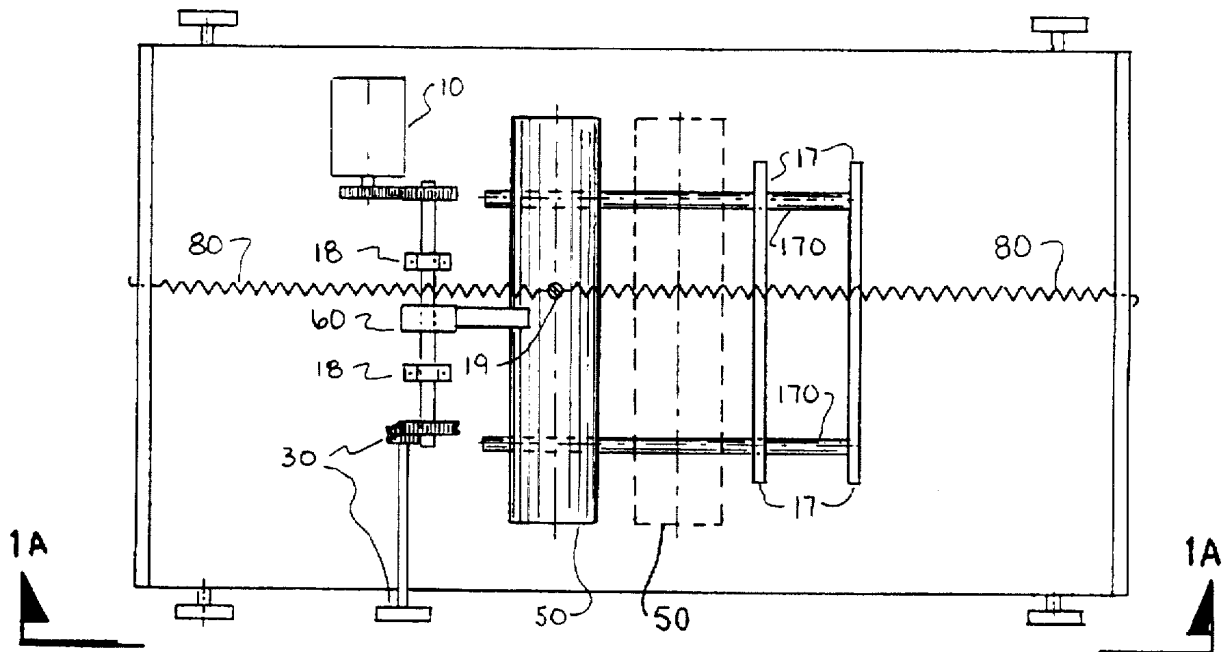


FIG 1D

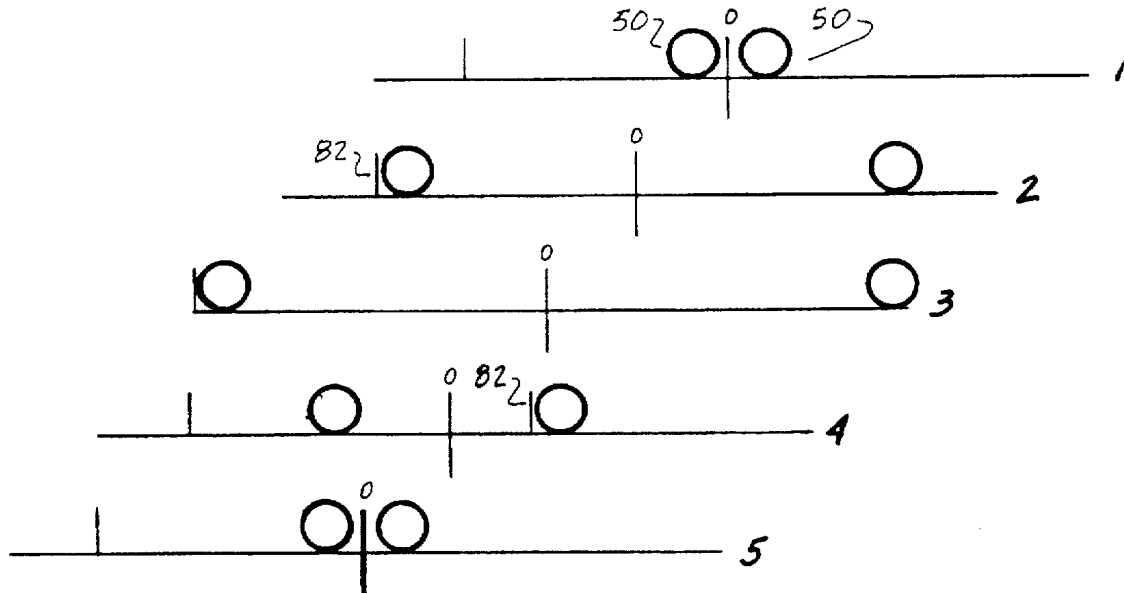


FIG 2 A

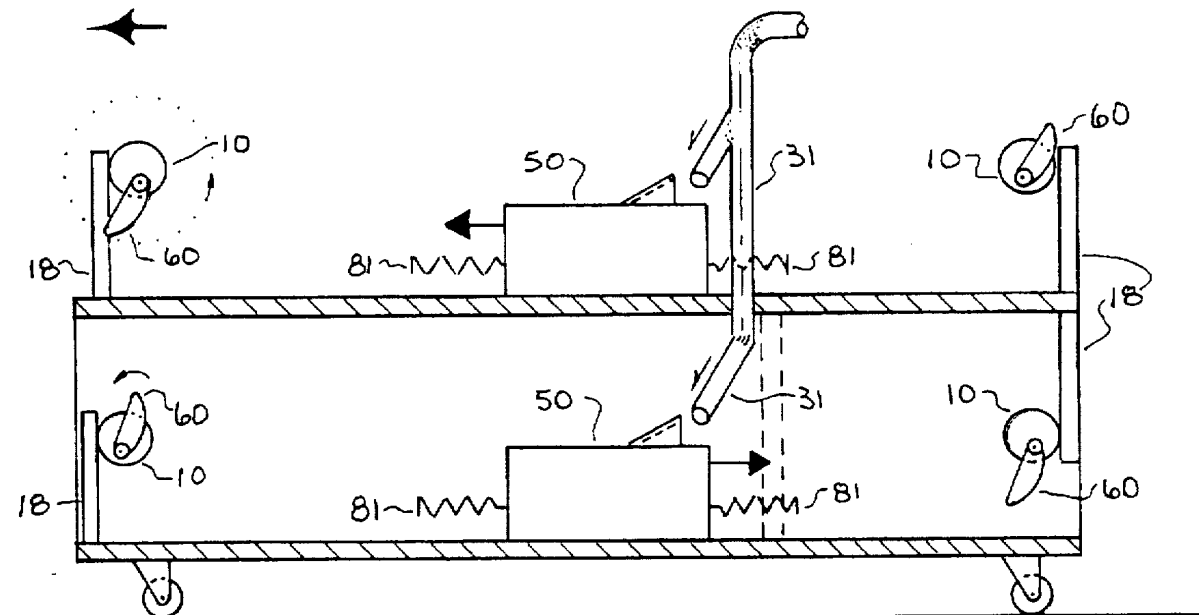


FIG 2 B

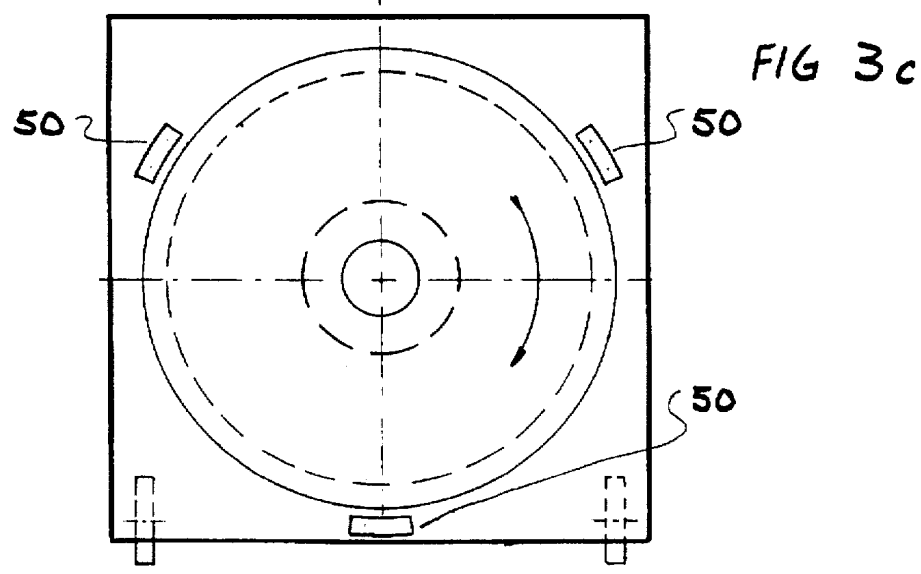
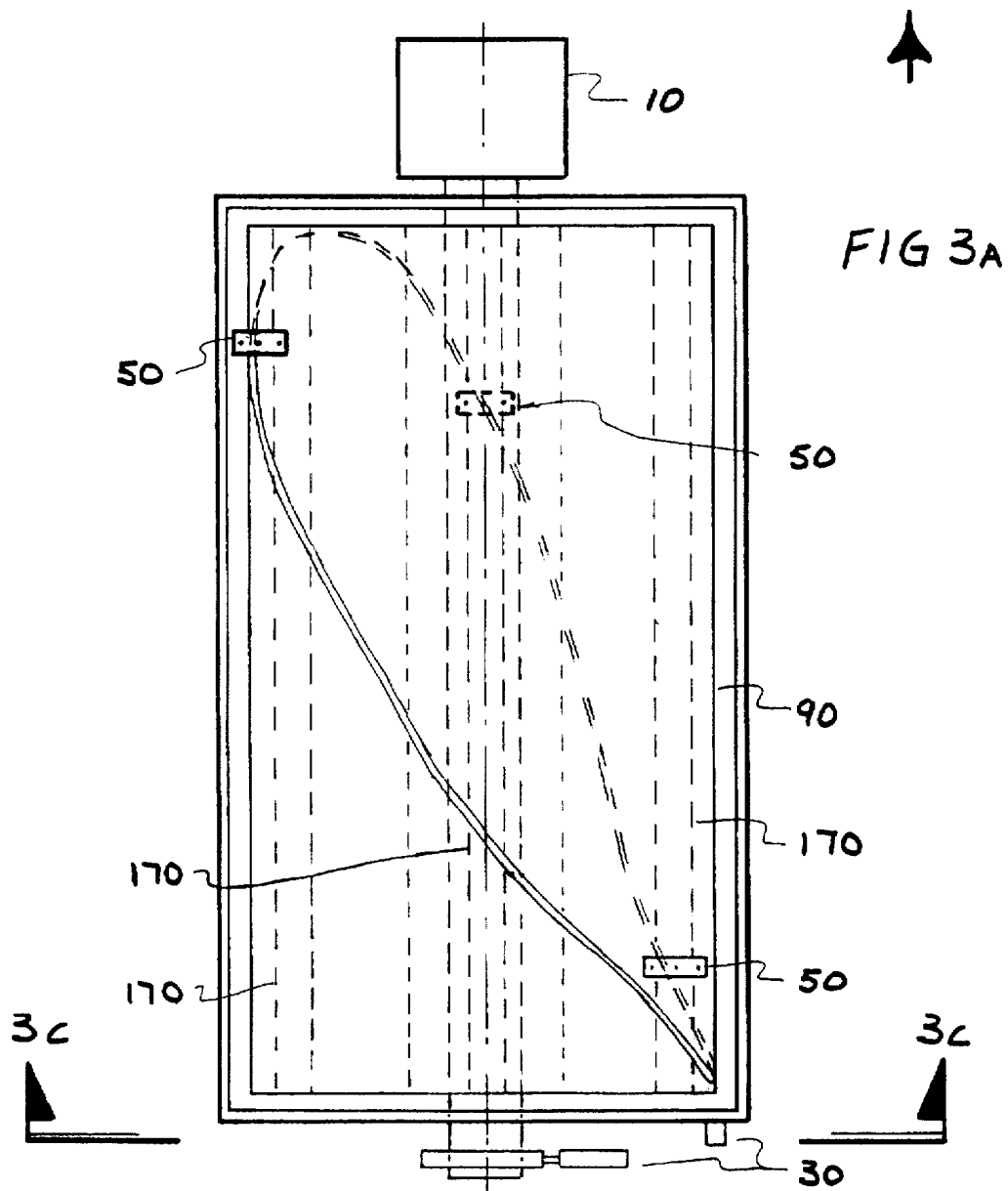
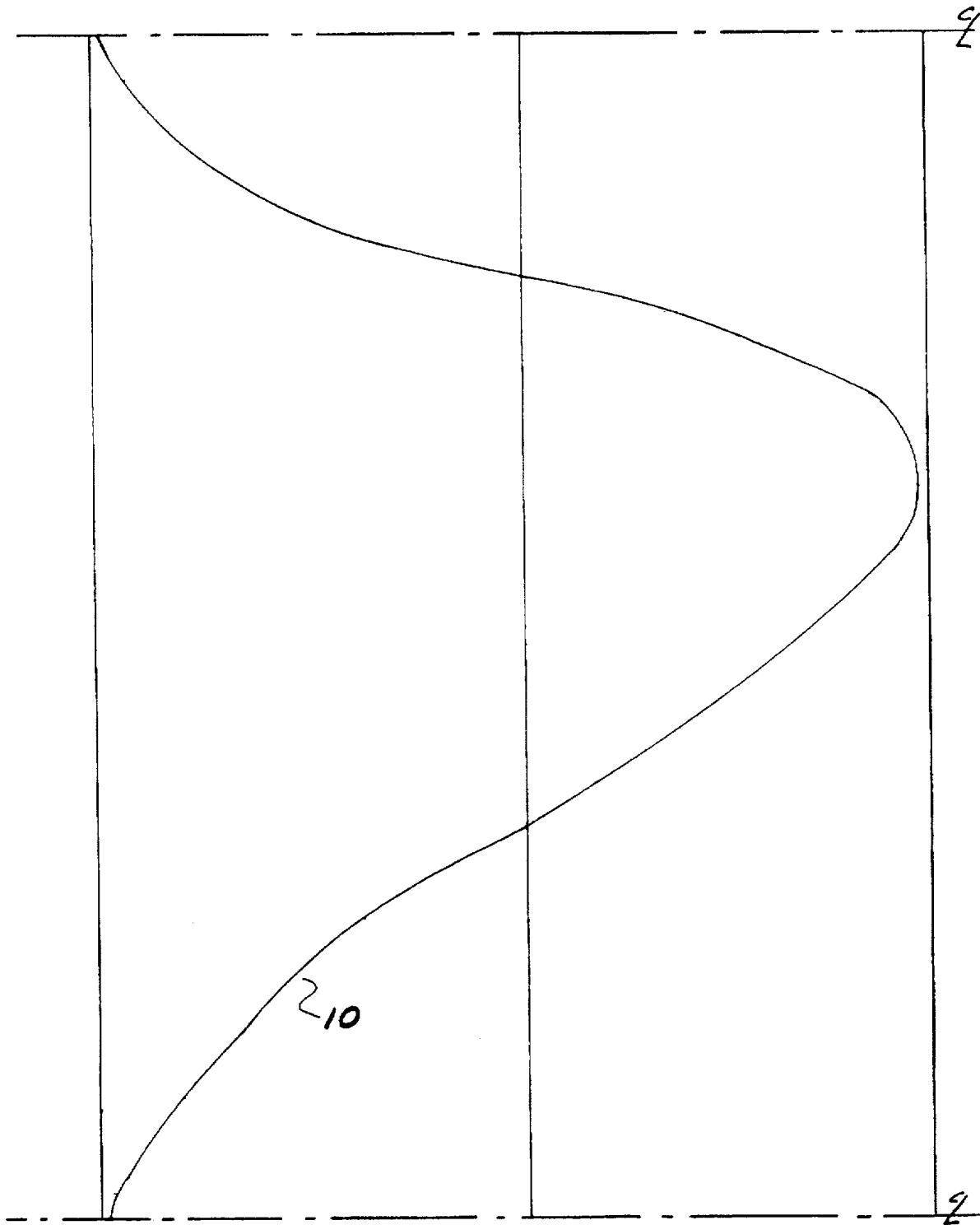


FIG 3 B



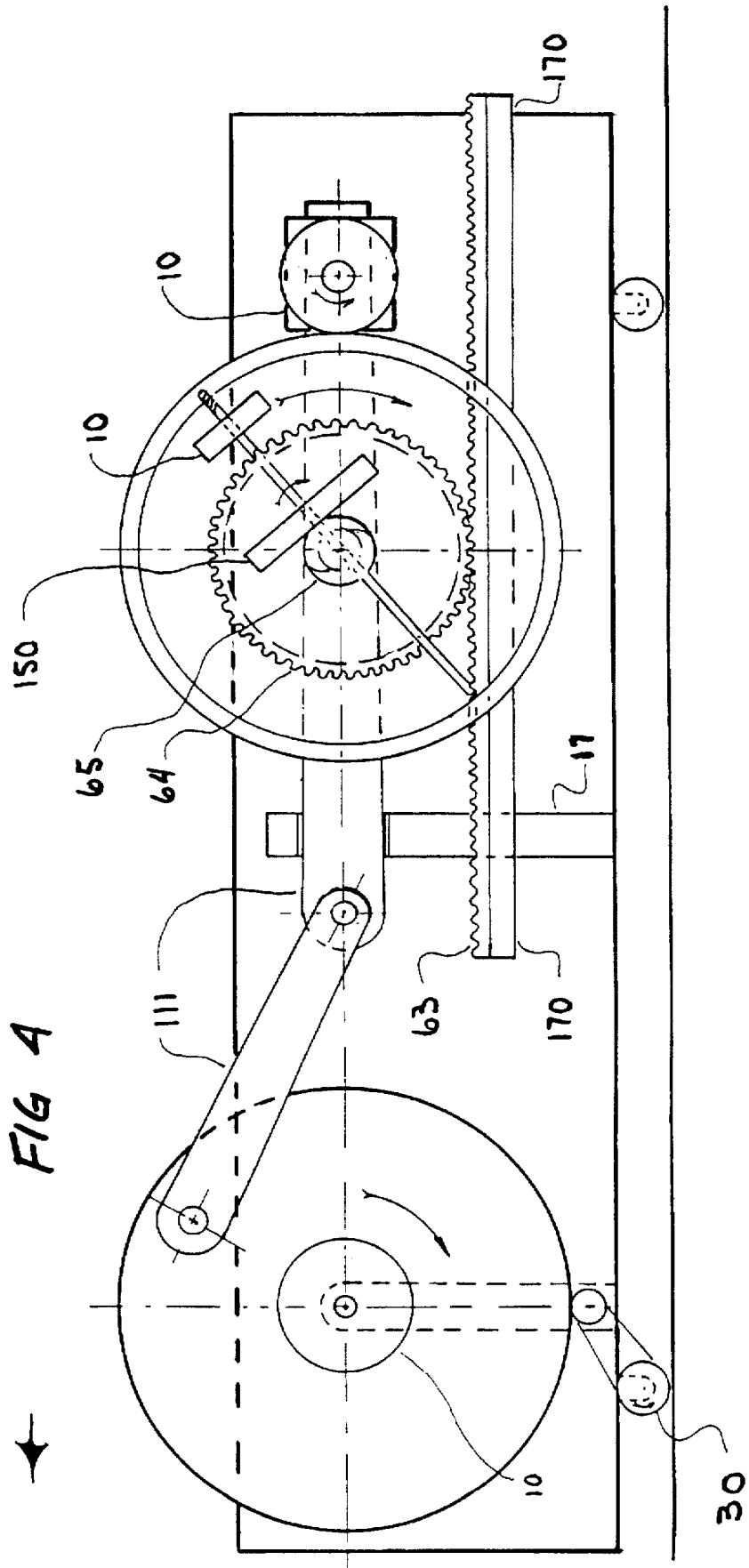


FIG 5A

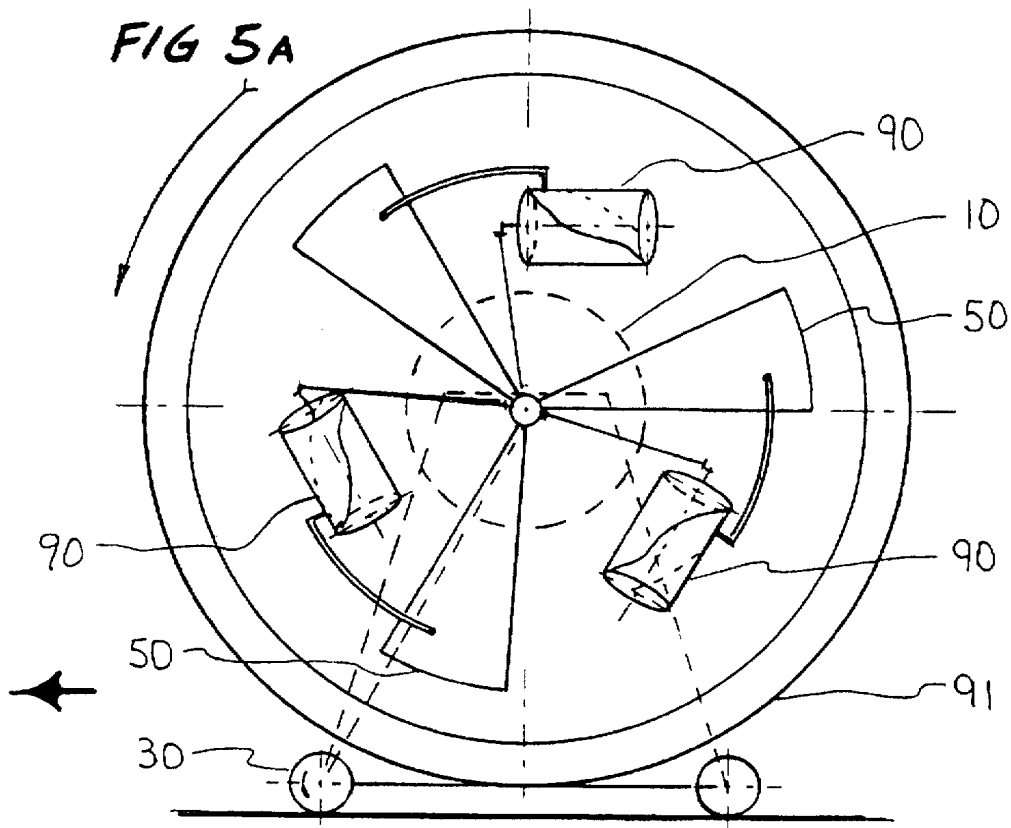


FIG 5B

