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(54) Title: A MULTI-AXIS REACTOR AND METHOD

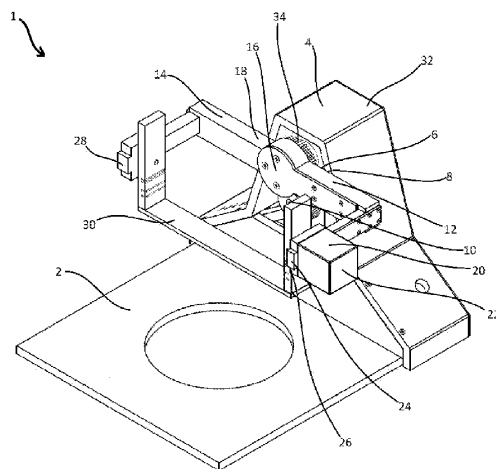


FIG. 1

(57) Abstract: A multi-axis reactor including a base having a support extending upwardly from the base, a first motor having a stator fixedly connected to the support, the rotor axis of rotation being horizontally oriented, an arm operatively connected to the first motor's drive shaft, the arm extending radially outwardly from the first motor's drive shaft, a second motor having a stator fixedly connected to an end of the arm, the rotor axis of rotation being parallel to the arm, a closable vessel being fixedly connectable to the second motor's drive shaft, each of the first and second motors being operatively connectable to a processor-based control system, and each of the first and second motors being actuatable by control system machine-readable code containing a set of instructions such that upon rotation of the motors the contents of the vessel are subjected to a modified gravity environment.

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