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(54) **MODULAR FORCE SENSOR SYSTEM, DEVICE, AND METHOD FOR BEHAVIORAL MEASUREMENT**

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See application file for complete search history.

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(57) **ABSTRACT**

Implementations of the present invention relate to for analyzing behavior of small live test subjects. More specifically, methods and devices of the present invention can allow a researcher to use a single device for analyzing effects of genetic modifications made to the test subjects on the test subject's behavior and movements. Additionally, the methods and devices may allow for analysis of effects that various medications may have on the test subject's behavior and movement.

20 Claims, 9 Drawing Sheets

