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(54) **MODULAR PEDAL ASSEMBLY FOR VEHICLES**

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(57) **ABSTRACT**

A modular pedal assembly for use with a vehicle that includes a prime mover, a control circuit, and a brake assembly. The modular pedal assembly including a base that is removably connectable with the vehicle, a brake pedal, an accelerator pedal that is displaceable between a first position and a second position, and a control output regulator that includes a first sensor and a second sensor. In a vehicle having an electric motor prime mover, the first sensor is a limit switch electrically connected to the control circuit, and the second sensor is a variable resistor. In a vehicle having an internal combustion engine prime mover, the first sensor is a limit switch operable to control a starter motor, and the second sensor is a limit switch operable to control a spark plug ignition.

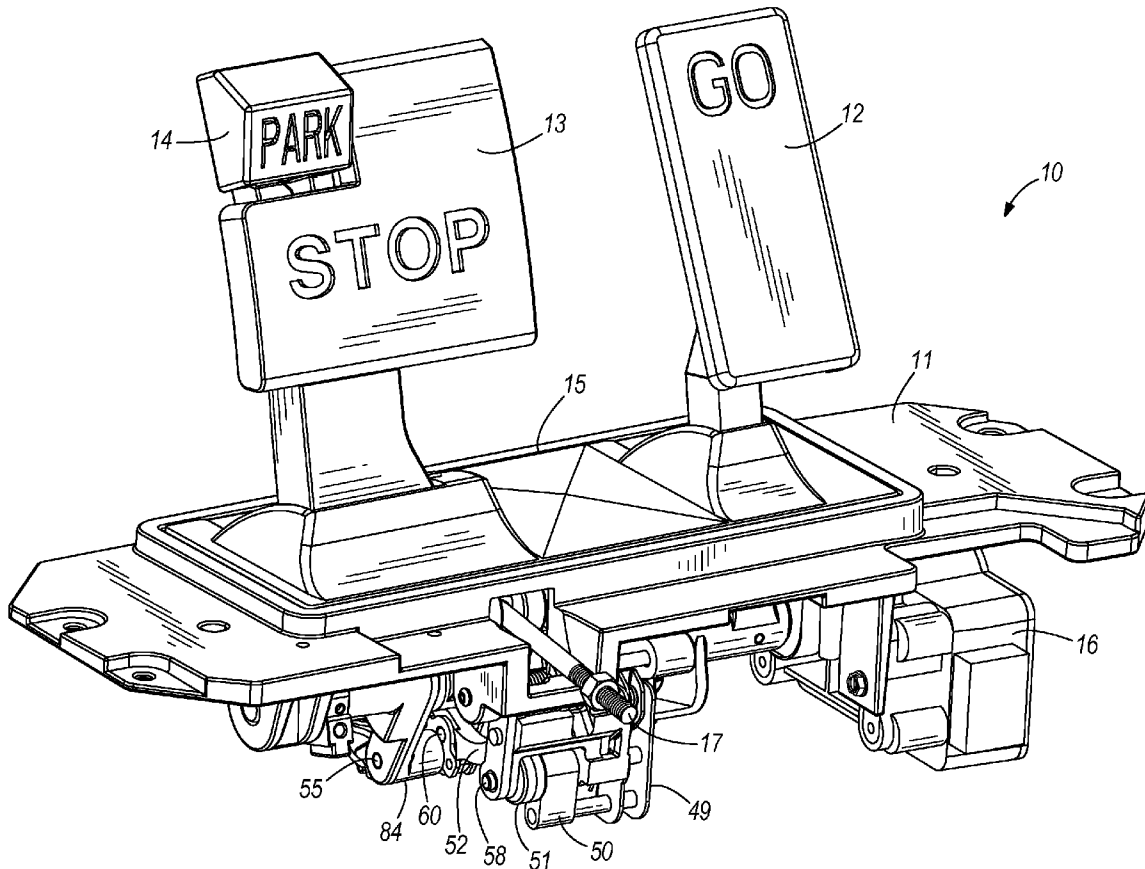
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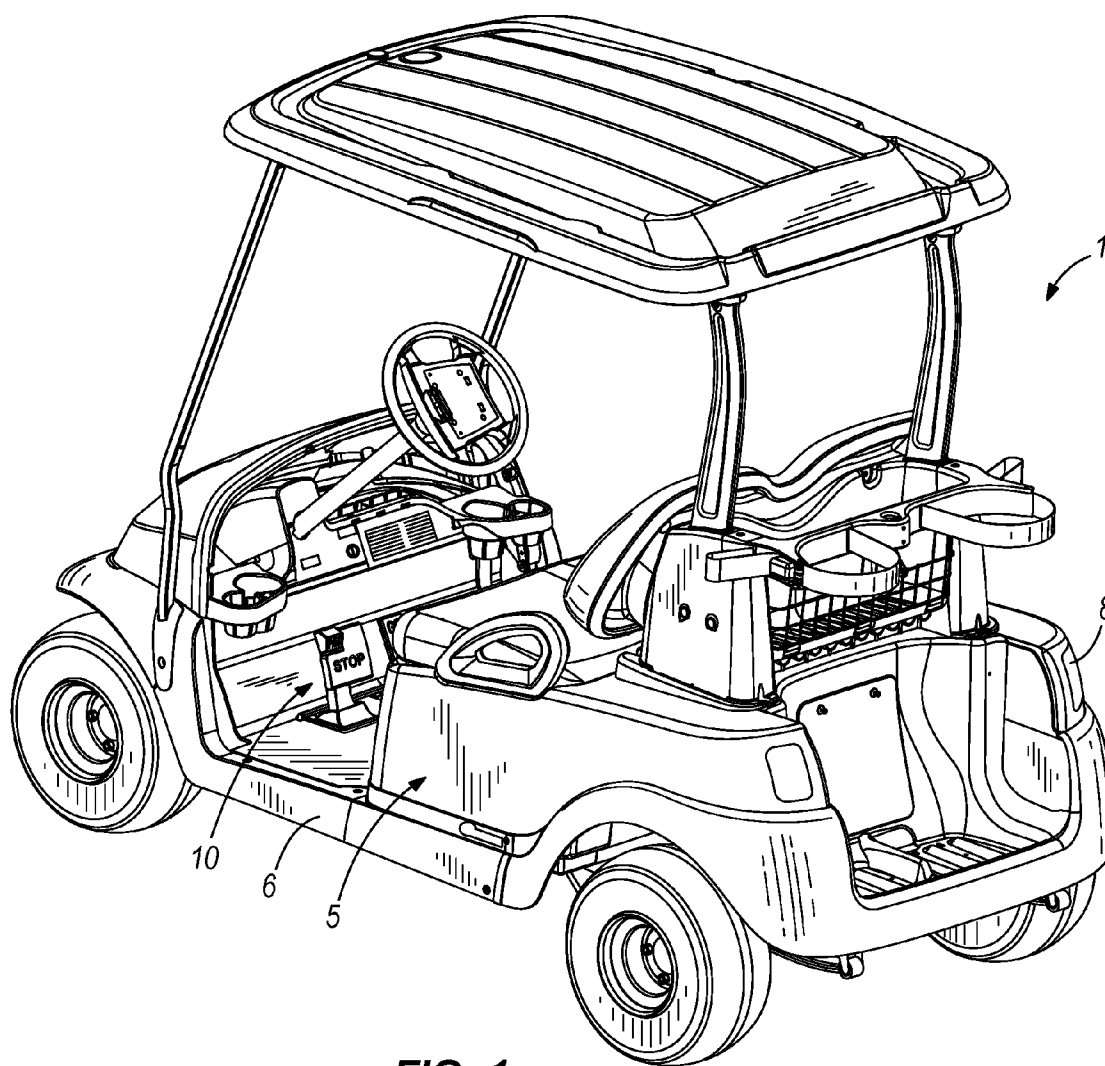
(21) Appl. No.: **12/903,289**

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**Related U.S. Application Data**

(62) Division of application No. 10/543,344, filed on May 19, 2006, filed as application No. PCT/US04/02120 on Jan. 26, 2004.





**FIG. 1**

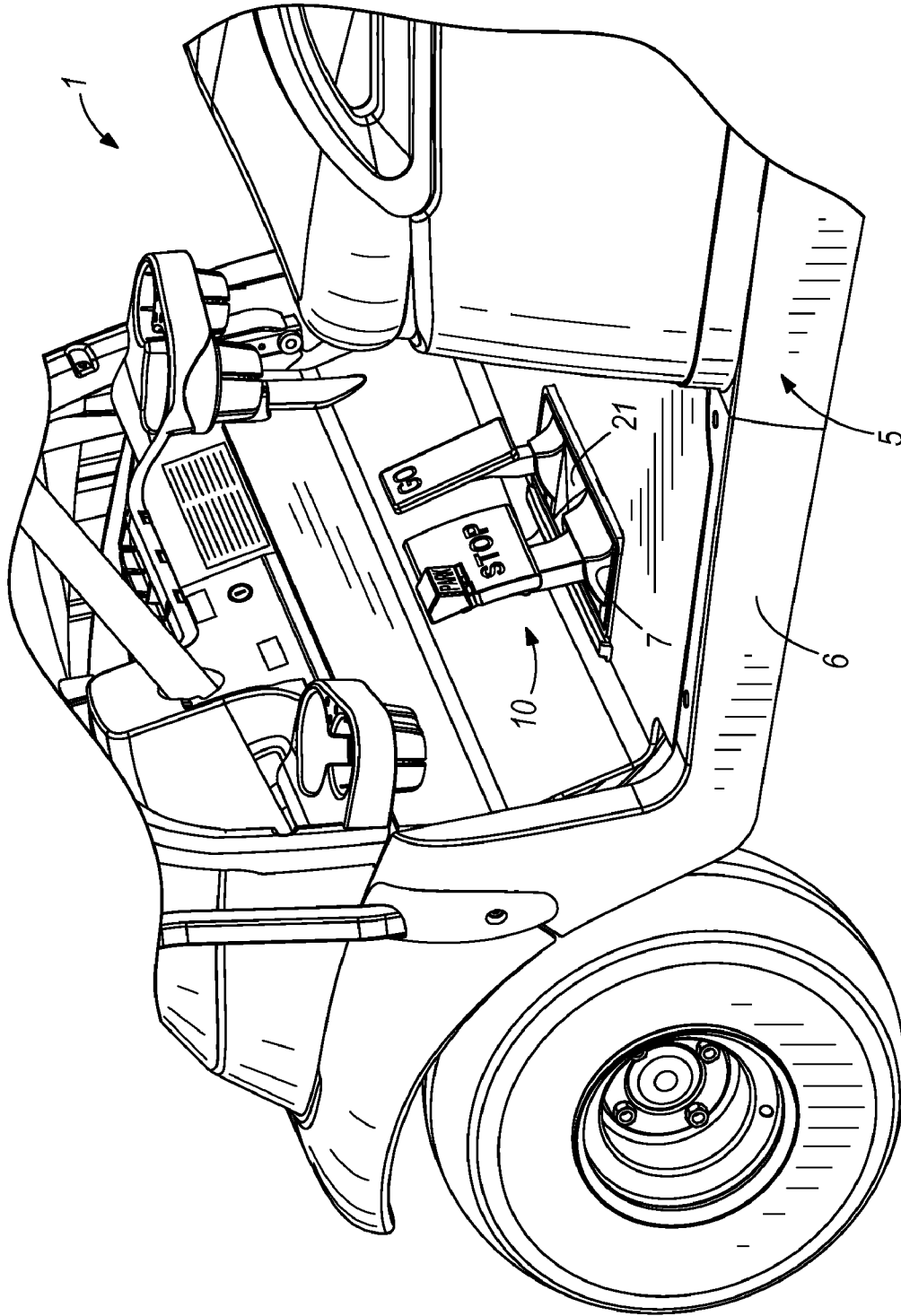


FIG. 2

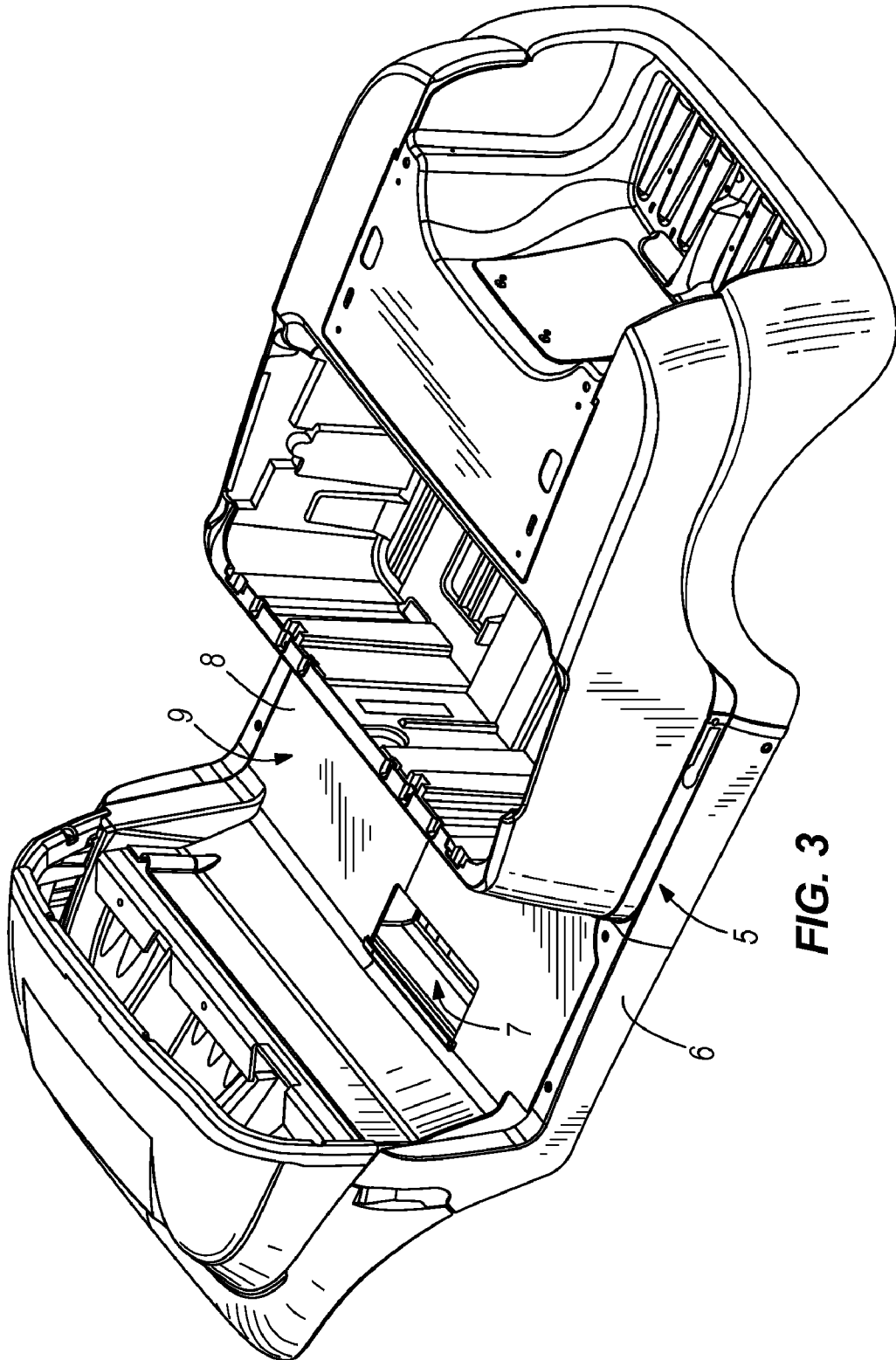


FIG. 3

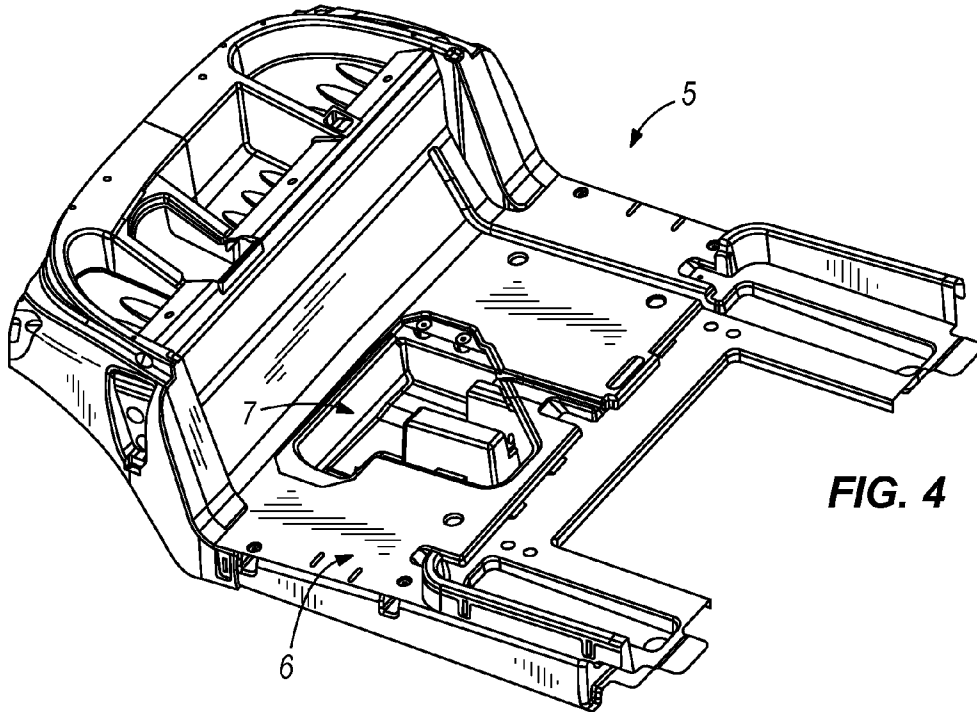


FIG. 4

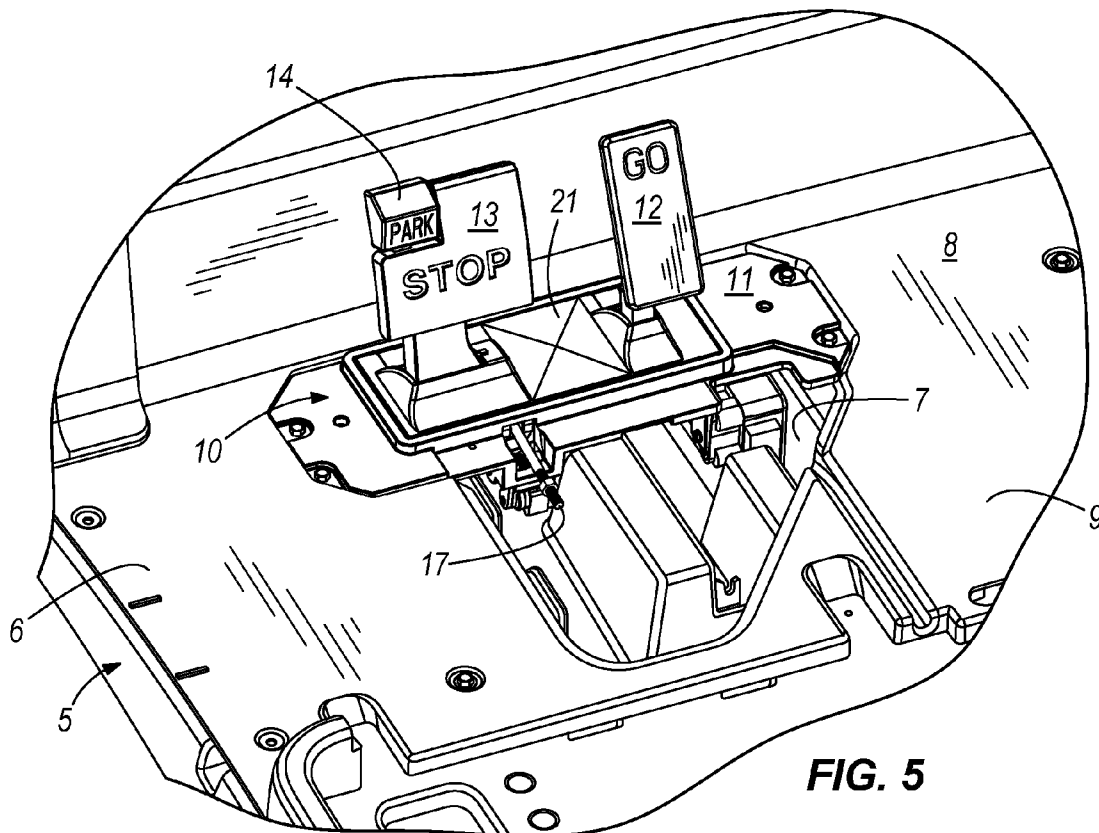


FIG. 5

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