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(54) Title: SEAT ASSEMBLY SENSORS AND CONTROLS

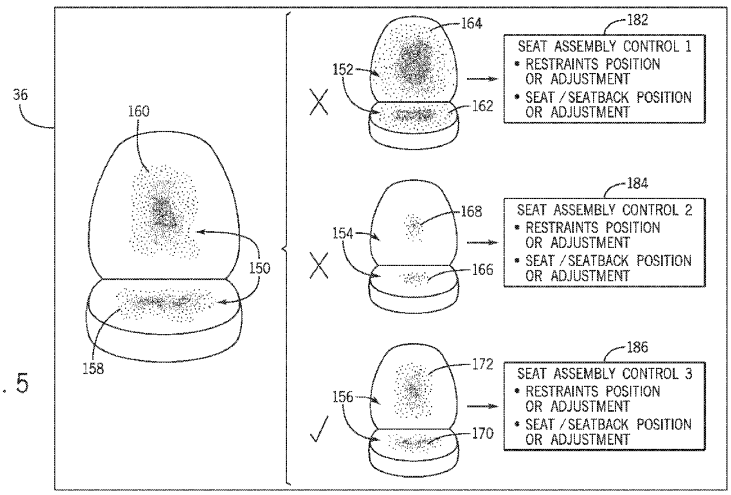


FIG. 5

(57) Abstract: A system includes a seat (22) configured to receive a passenger (90), a sensor system (28) configured to detect passenger characteristics including one or more forces or pressures of the passenger (90) against the seat (22) and a contact area of the passenger (90) across the seat (22), memory circuitry (40) storing instructions thereon, and processing circuitry (38). The instructions, when executed by the processing circuitry (38), are configured to cause the processing circuitry (38) to receive the passenger characteristics from the sensor system (28), and perform an action based on the passenger characteristics.

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