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(54) Title: RESPIRATORY PRESSURE THERAPY SYSTEM

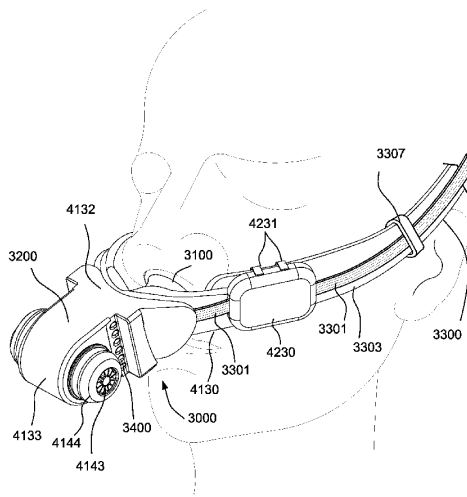


FIG. 16A

(57) Abstract: A respiratory pressure therapy (RPT) system may include a housing portion forming a plenum chamber pressurizable to a therapeutic pressure; a seal-forming structure constructed and arranged to with a region of the patient's face; a positioning and stabilising structure constructed and arranged to provide an elastic force to hold the seal-forming structure in a therapeutically effective position on the patient's head; a blower configured to pressurize the plenum chamber to the therapeutic pressure; a vent assembly configured to discharge gas from a plenum chamber to atmosphere; a sensor port positioned downstream of the vent assembly such that the sensor port is in pneumatic communication with the air within the plenum chamber in any position of the vent assembly; and a sensor in pneumatic communication with the air within the plenum chamber via the sensor port.

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