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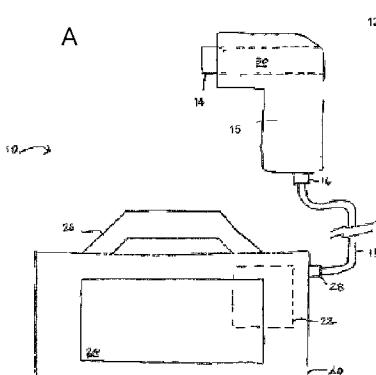
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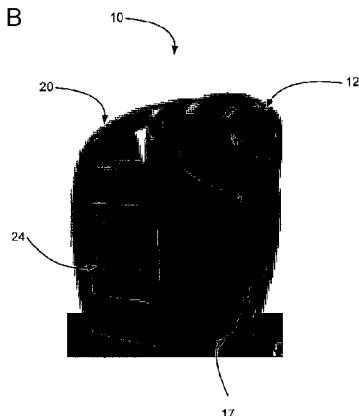
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(54) Title: DEVICES, SYSTEMS, AND METHODS FOR AIDING IN THE DETECTION OF A PHYSIOLOGICAL ABNORMALITY



(57) Abstract: A system and device for aiding the diagnosis of a physiological abnormality resulting in detectable, measurable variations in contents of breathed air. A handheld unit defining an airway, wherein the airway includes a plurality of sensors adapted to measure a plurality of parameters related to the presence of a physiological abnormality. A control unit remotely connected to the handheld unit, adapted to receive input signals from the handheld unit and remit output signals in response thereto. The output signals are usable by a user in determining the presence or absence of a physiological abnormality. A display adapted to display the output signals to a user thereby easing the determination of the physiological abnormality. A mouthpiece selectively connectable to the handheld unit, including a filter adapted to substantially prohibit the passage of germs into the airway of the handheld unit.





GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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of the comparison of the normalized carbox ratio to a known threshold value and the comparison of the carbox ratio to the ratio of expected amounts.

59)-63) (Cancelled)