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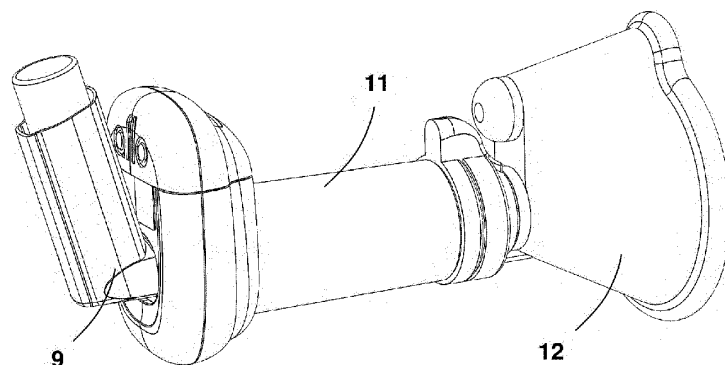


Figure 3

(57) Abstract: An inhaler monitoring device comprising a body comprising an inlet and an outlet which are in fluid communication with respect to one another to define a channel there between, wherein the inlet is for coupling to an inhaler for dispensing a medication and the outlet is for coupling to a spacer having a mouthpiece through which a user can inhale the 5 dispensed medication from the inhaler, one or more sensors which are configured to measure one or more inhalation characteristics when the user inhales the dispensed medication from the inhaler through the inhaler monitoring device via the spacer in-use and processing means which is configured to determine feedback information based on one or more of the inhalation characteristics of the user and supplementary data. Processing 10 means may comprise a central server, and other computing devices, configured using AI techniques to consolidate information provided by the inhaler monitoring device with supplemental data to determine an advisory action to users or other third parties. Additionally, processing means may comprise a data processor in the data capture device where inhalation data and other compliance measurements are used to determine the 15 relaxing or constraining of thresholds of acceptable performance as a way of personalising the use to encourage engagement with a user's medication regime.

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