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(54) Title: INHALABLE MEDICAL AEROSOL DISPENSING SYSTEM

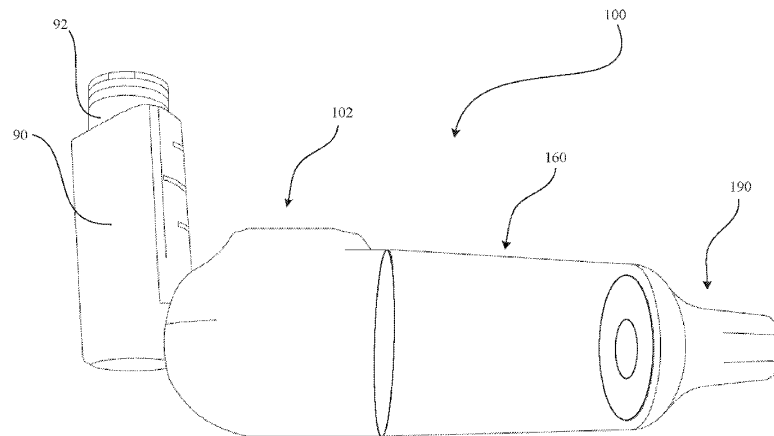


FIG. 2A

(57) Abstract: A respiratory therapy management system includes intelligent valved holding chamber devices (IVHCs) corresponding to patients. Each IVHC generates air inflow data during an inhalation therapy session, and determines an inhalation technique score for the session. For each IVHC, a mobile computing device receives and processes inhalation technique scores; generates composite inhalation technique scores and inhalation therapy regimen compliance scores corresponding to multiple inhalation therapy sessions; and presents visual representations of such scores. A remote therapy management server manages patient incentive awards; provides a social media platform and/or games accessible to patients; and communicates with physician computing devices to facilitate physician review of composite inhalation technique scores and inhalation therapy regimen compliance scores, and physician access to the social media platform. For a given patient, provision of incentive awards, aspects of social media interaction, and/or game play depend upon

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