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(54) Title: IMPROVED DRUG DELIVERY DEVICE AND METHODS THEREFOR

(57) Abstract

The present invention provides an incentive inhaler device (2) comprising (i) an inhalation device comprising a mask or mouthpiece (6) and a connector (4) that is linkable to a drug delivery device or other device for the delivery of an aerosol, powder or gas; and (ii) one or more external visible and/or audible inhalation/exhalation–driven incentive toys (12, 14), wherein each of said toys is separated from one or more components of said inhalation device (i) by one or more valves, filters or baffles (18, 24) to ensure directional flow of inhaled/exhaled air which drives said toys and/or filtration of microbes, condensation or particles from exhaled air. The incentive inhaler device (2) of the present invention provides a stimulus to a child or infant to inhale a pharmacological or medicinal compound or anaesthetic compound and promotes correct breathing technique. The present invention further provides components and kits for use with the subject incentive inhaler device and methods of stimulating to a child or infant to inhale a pharmacological or medicinal compound or anaesthetic compound.

