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(57) Abstract :

The disclosed embodiments illustrate an inflatable pillow 100 that includes a cover 102 having a lower part 104 and an upper part 106, where a foam is accommodated in the lower part, and the upper part is hollow. The pillow includes a container 108 attached with the cover, and the container accommodated air, and upon moving a handle 110 attached to the container in a first position, the accommodated air is released from the container and filled in the upper part 106, thus enabling the user to fill the air in the pillow to a preferred height, i.e. comfortable for the user. Additionally, the pillow includes a first set of sensors 112 to acquire one or more parameters from a user's head positioned on the pillow that facilitates in determining sleep pattern of the user, and corresponding information is transmitted to a computing device 214.

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