

InventionHome® Product Developer Creates Passive Airflow Barrier for CPAP Users Sharing a Bed

PITTSBURGH, PA, UNITED STATES, July 8, 2026 /EINPresswire.com/ -- Chris C. of Simi Valley, CA is the creator of the Apnea Partner Pillow, a specialized sleep accessory developed to address a common issue experienced by individuals undergoing continuous positive airway pressure (CPAP) therapy while sharing a bed with a partner. The pillow functions as a passive airflow management barrier designed to redirect residual exhaust air emitted from a CPAP mask away from the adjacent sleeper that helps reduce sleep disturbances associated with mask vent airflow.

Many CPAP masks intentionally vent a continuous stream of exhaled air to prevent carbon dioxide buildup within the mask. While necessary for proper CPAP operation, this residual airflow

can be directed toward a sleeping partner, potentially causing discomfort, repeated awakenings, or irritation throughout the night. Existing attempts to block the airflow often involve positioning conventional pillows between sleepers; however, standard pillows occupy significant bed space, shift during normal movement, and are not designed to redirect airflow efficiently.

The Apnea Partner Pillow incorporates a modified triangular profile that serves as a stable physical barrier between sleeping partners. Rather than blocking airflow, the angled side surfaces redirect residual air upward and away from the adjacent sleeper. This enables the exhaust air to dissipate into the surrounding environment instead of being directed toward another person's face.



The pillow includes a flat base that rests securely on the mattress to improve positional stability during overnight use. The base incorporates a weighted bean bag material that conforms to the sleep surface while helping maintain placement despite normal body movement. The upper portion of the pillow utilizes a lightweight foam construction that preserves the triangular geometry necessary for effective airflow redirection while minimizing overall weight.

This passive pillow design operates without electrical components or moving parts and is intended to function with a wide range of CPAP masks that discharge residual exhaust air through integrated vent ports. The pillow may be positioned between sleeping partners when one or both individuals are using CPAP therapy to provide a dedicated barrier for managing airflow.

Key features and benefits include:

- Triangular pillow geometry designed to redirect residual CPAP exhaust airflow upward and away from an adjacent sleeping partner.
- Passive airflow management system requiring no power source, electronics, or mechanical components.
- Flat-bottom configuration promotes stable positioning on the mattress during overnight use.
- Helps reduce sleep interruptions caused by CPAP exhaust air contacting a sleeping partner.
- Simple placement between sleepers allows integration into existing sleep environments without modification to CPAP equipment.

The Apnea Partner Pillow provides a simple and convenient solution for managing residual CPAP exhaust air between sleeping partners by combining a stable support structure with a geometry specifically intended for airflow deflection.

Chris was issued his Utility Patent from the United States Patent and Trademark Office (USPTO) and is working closely with [InventionHome](#), a leading invention licensing firm, to sell or license the patent rights to his Apnea Partner Pillow. Ideal licensing candidates would be U.S. based product manufacturers or distributors looking to further develop and distribute this product innovation.

Companies interested in the Apnea Partner Pillow can contact InventionHome at member@inventionhome.com. Inventors currently looking for assistance in patenting, marketing, or licensing their invention can request information from InventionHome at info@inventionhome.com or by calling 1-866-844-6512.

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