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(54) Title: A VARIABLE SPEED MULTI DIRECTIONAL AIR VENTILATION AND PURIFICATION HELMET

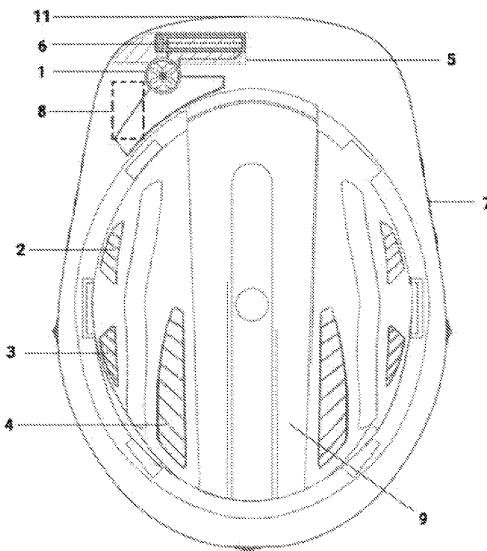


Figure 1: Top view of the variable speed multi directional air ventilation and purification helmet

(57) Abstract: The present invention relates to the development of a variable speed multi directional air ventilation and purification helmet, that provides ventilation inside the helmet, wherein the air ventilated is first purified with the help of the pre-filter membrane which are attached to the vents (Figure 1 (2, 3 and 4)), placed at variable angles across the shell of the said helmet. Thereafter, the high velocity air travels through the whole helmet, giving ventilation and cooling effect to the head by enabling evaporation of sweat and then exiting from the bottom of the peak of the variable speed multi directional air ventilation and purification helmet, after passing through air purification filters and a micro suction system or mini fan.

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