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— of inventorship (Rule 4.17(iv))

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(54) Title: HEALTHCARE CUM OPTIMAL ILLUMINATION DEVICE

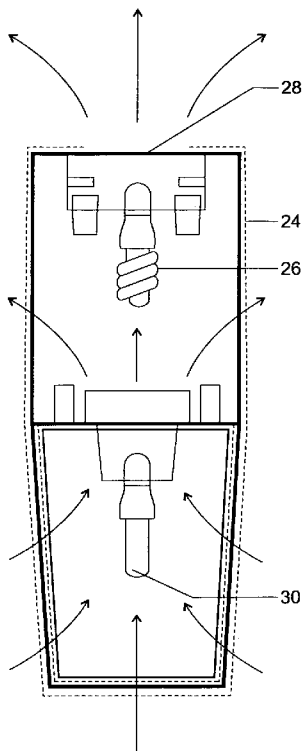


FIG. 3a-1

(57) Abstract: A healthcare cum illumination device comprising a chassis (20) placed at the top end of the modular frame (12) and fitted with electrical light source (26), ionizer (46) and essential oil to form an inventive device. The inventive device is enclosed by one of more layers of treated fabric filter cover (24) with antimicrobial properties. The electrical light source (26) emit visible light, infra red radiation and UV radiation, the visible light illuminating the surrounding, the infra red radiation heating the air around the lamps, so that the hot air rises to form a convection current which draws cool ambient air from the surroundings into the inventive device. Air borne pollutants, virus and bacteria passes through the one or more layers of treated fabric filter cover (24) with anti-bacterial and anti-viral properties are destroyed and trapped, killed therein. The UV light kills air borne virus and bacteria drawn into the inventive device. The inventive device is modular in structure and can be configured to form lamps of varying lengths and sizes. It is fitted with other devices such as air circulation units, ionizers (46), MP3 or MP4 player and essential oils to produce healthy and more pleasant ambience in the surroundings of the inventive device.

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