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(54) Title: PHOTOTHERAPY APPARATUS FOR TREATING ALZHEIMER'S DISEASE

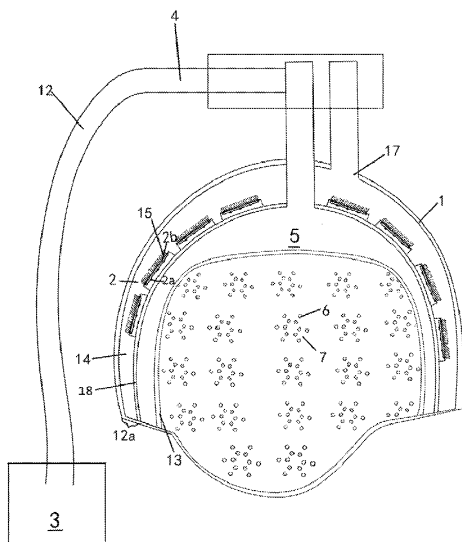


FIG. 1(a)

(57) Abstract: A phototherapy apparatus for treating Alzheimer's disease. The apparatus comprises: a hood body (1) that loosely accommodates the patient's head; an array of near-infrared irradiation units (2) arranged in the hood body (1), which is constructed to emit near-infrared light with an average irradiance greater than 40mW/cm² towards the head; and a cooling mechanism (4) configured to introduce cooled gas and send it into the cover, blowing it towards the patient's head through a cooled gas delivering pathway between the hood body (1) and the patient's head to dissipate heat from the patient's head. The apparatus can effectively treat patients with Alzheimer's disease, adapt to the special psychological and physiological needs of patients with various disease courses, improve patients' treatment compliance, and ensure good treatment effect for Alzheimer's disease.

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