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(71) Applicant *(for all designated States except US)*: **LIGHT SCIENCES CORPORATION** [US/US]; 34931 SE Douglas Street, Suite 200, Snoqualmie, WA 98065 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **CHEN, James, C.** [US/US]; 2011 87th Place NE, Bellevue, WA 98004-2415 (US).

(74) Agents: **POTTER, Jane, E., R.** et al.; 2600 Century Square, 1501 Fourth Avenue, Seattle, WA 98101-1688 (US).

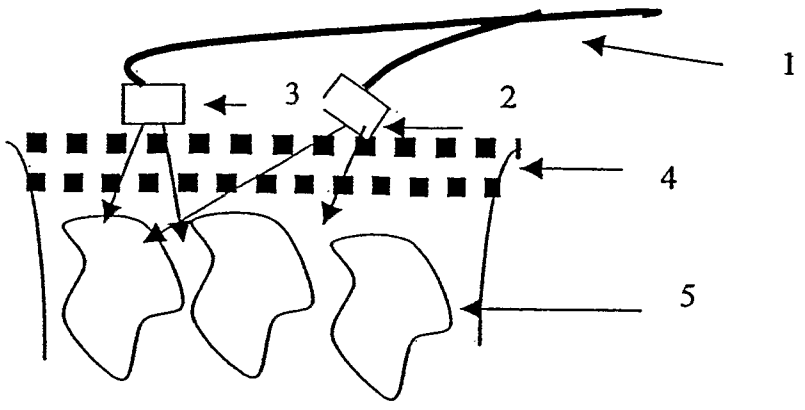
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(54) Title: PHOTODYNAMIC THERAPY FOR LOCAL ADIPOCYTE REDUCTION



(57) Abstract: The present invention is drawn to methods and compounds for transcutaneous photodynamic therapy ("PDT") of target adipocyte cells or adipose tissue in a mammalian subject, which includes administering to the subject a therapeutically effective amount of a photosensitizing agent or a photosensitizing agent delivery system or a prodrug, where the photosensitizing agent or photosensitizing agent delivery system or prodrug selectively binds to the target tissue; and irradiating at least a portion of the subject with light at a wavelength absorbed by the photosensitizing agent or if prodrug, by a prodrug product thereof, where the light is provided by a light source, and where the irradiation is at low fluence rate that results in the activation of the photosensitizing agent or prodrug product. These methods of transcutaneous PDT are useful for the reduction of adipose tissue and adipocytes.

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