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(71) Applicant: **ADVANCED AESTHETIC TECHNOLOGIES, INC.** [US/US]; One Brookline Place, Suite 427, Brookline, Massachusetts 02445 (US).

(72) Inventor: **PROVONCHEE, Richard**; 103 Bird Point Road, Cushing, Maine 04563 (US).

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(74) Agent: **CHRISTON, Rebecca C.** et al.; Hayes Soloway PC, 175 Canal Street, Manchester, New Hampshire 03101 (US).

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(54) Title: AGAROID STRUCTURES AND RELATED METHODS OF USE AND MANUFACTURE

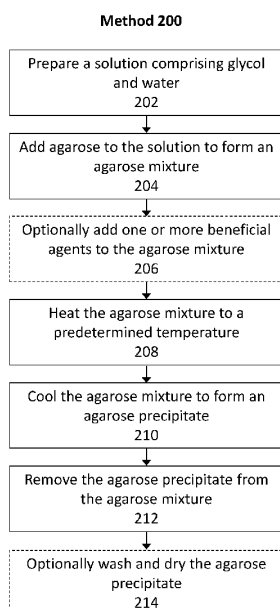


FIG. 2

(57) Abstract: Agaroid structures in the form of an agaroid matrix, a sintered agaroid, or an agaroid mat are disclosed which may, in some embodiments, include a chemically crosslinked agaroid, a derivatized agaroid, and/or an agaroid coupled with one or more ligands. The agaroid structures may be formed by precipitation from a glycol solution, in some cases, and may be converted to be insoluble in water below 40C. In another aspect, methods of treating a condition of a mammal are disclosed, which include contacting an area of a mammalian body with a composition having an agaroid structure with or without one or more beneficial agents. In yet another aspect, the present disclosure provides methods of filling or bulking tissue in a mammalian body by implanting a converted agaroid composition into the mammalian body, which may include converted agaroid microbeads and/or converted agaroid particles.