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(71) Applicant: **TAP THE CAP, INC.** [US/US]; 4924 Balboa Boulevard, Suite 277, Encino, CA 91316 (US).

(72) Inventors: **SIMONIAN, Christopher, H.Y.**; 4924 Balboa Boulevard, Suite 277, Encino, CA 91316 (US). **SIMONIAN, Jeannine, NMI**; 4924 Balboa Boulevard, Suite 277, Encino, CA 91316 (US). **FETTES, Ian, J.**; Post Office Box 93, June Lake, CA 93529 (US).

(74) Agent: **HOFFMAN, David, L.**; Law Offices of David L. Hoffman, 28494 Westinghouse Place, Suite 204, Valencia, CA 91355 (US).

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(54) Title: BOTTLE CAP FOR DISPERSING POWDERED SUPPLEMENT IN SITU

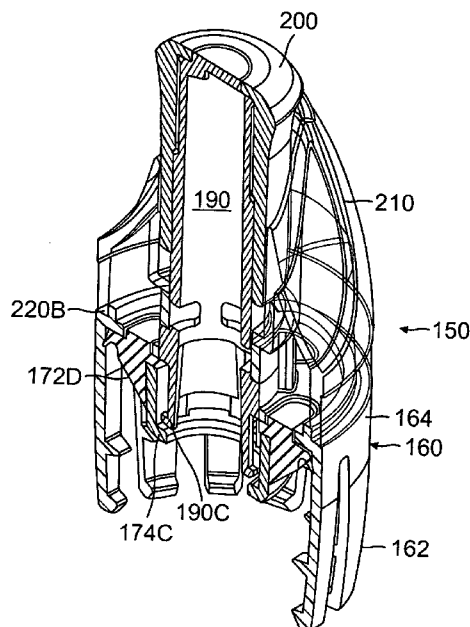


FIG. 11

(57) Abstract: A dispensing cap system (150) for dispensing a supplement material through a bottle neck opening and into the bottle. An exemplary embodiment includes a cap member (160) configured for connection to beverage bottle necks of different sizes. A seal member (172) is arranged to provide a liquid seal against the neck opening. A valve member (190) passes through a storage member (210) attached to the cap member (160), and is configured for movement between a storage position and a dispensing position, in which passage is permitted of the supplement material from the storage member (210) into the bottle. A nipple member (200) may be positioned over the valve member (190) to allow the bottle contents to be utilized or consumed.