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(54) Title of the invention : CANINE HEALTH MANAGEMENT SYSTEM

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(57) Abstract :

A canine health management system, comprising a wearable collar 101 to be worn by a trainee canine, a sensing unit 102 to monitor cardiac activity, stress level, fatigue, and hydration condition, movement patterns and track location of the trainee canine, an automated feeder unit to dispense and refill food, water, supplements, or medications, thereby preventing overfeeding or underfeeding, an analysis module to receive real-time data from the sensing unit 102 and to process the data, a feedback unit to provide intensifying haptic and acoustic feedback for behavioral correction and compliance reinforcement, a plurality of dispensing bowls 108 and a liquid dropper 107 to dispense controlled doses of supplements or medications into the bowl 108, one or more weight sensors to measure real-time food and liquid consumption, and a two-way audio communication unit 110 to allow a trainer to issue commands or interact remotely with the trainee canine.

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