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(57) Abstract :

An automated dental cleaning device comprising, a body 1 placed over shoulders of patient, a display panel 2 mapped on body 1 accessed to input commands regarding teeth cleaning, a pair of robotic arms 3 mapped on body 1 to grip shoulders, a speaker 4 attached on body 1 guides patient to open mouth in order to initiate cleaning process, an AI module 5 mapped on body 1 to detect location of teeth and presence of scales over teeth, a pair of L-shaped telescopic rods 6 configured with U-shaped frames 7 extends to position frames 7 between jaws of patient's mouth, in order to assist patient to open mouth, a pair of circular discs 12 integrated with multiple bristles 13 installed at tip frames 7 to aid cleaning of teeth, and an electronic nozzle 8 configured with disc 12, to dispense cleaning agent over teeth to clean.

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