

(54) Title of the invention : ELECTRIC TOOTHBRUSH SYSTEM

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(57) Abstract :  
 An electric toothbrush system, comprises of a vibrating module 102 vibrates to make the user's brushing experience more convenient and efficient, a proximity sensor detects the presence of user in proximity, a processing module activates the vibrating module 102 enabling the user to identify the user's electric toothbrush 101 from multiple electric toothbrushes, a covering module covers the bristles of the electric toothbrush 101, an AI-enabled camera 103 in conjunction with the processing module identifies an authorized user, a touch-enabled button 104 allows the user to easily turn the system on or off, a microphone 105 enables the user to adjust the vibrating intensity of toothbrush 101, a gyroscopic sensor 106 detects movement of the toothbrush 101, multiple pneumatic pins align themselves precisely between the bristles to ensure that bristles are effectively contained and protected, a storage chamber 107 is connected to electric toothbrush 101 and designed for storing toothpaste.

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