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(54) Title of the invention : SPEECH ASSISTANCE DEVICE

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(57) Abstract :
A speech assistance device comprising a microphone 1 mapped with a biometric scanner 2 for enabling a user to input biometric data, wherein a microcontroller upon processing the input data fetches profile of the user from a database server interlinked with the microcontroller to calibrate tuning of the microphone 1, a touch interactive screen 3 for enabling the user to input data regarding content of vocal inputs and manual tuning of the microphone 1, wherein the microcontroller linked with the screen 3 upon receiving and processing the data activates the screen 3 for displaying the content of vocal inputs, multiple LEDs (light emitting diode) 4 configured on the microphone 1 for emitting light of various colors, a vibration module 5 for producing vibrations within the microphone 1, a memory card slot 6 for inserting a memory chip stored with data regarding user's profile and calibration settings of the microphone 1.

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