Claim

1. An automated microphone system (100) having a microphone (104), the system (100) comprising:

a microphone stand (102) having atleast one movable arm (1022), atleast one movable leg (1024) and a fixed base (1026) attached to the atleast one movable leg (1024), the atleast one movable arm (1022) being adapted to mount the microphone (104) at a first end and connected with the atleast one movable leg (1024) at a second end;

one or more sensors (106) disposed at one or more of the atleast one movable leg (1024), the atleast one movable arm (1022) and the fixed base (1026);

one or more motors (108) connected with each of the atleast one movable arm (1022), the atleast one movable leg (1024) and the fixed base (1026); and

a control module (110) connected with the one or more sensors (106) and the one or more motors (108);

a display module and a communication module provided at the fixed base (1026) of the microphone stand (102);

wherein the control module (110) is configured to:

determine a presence of a user (206) in front of the microphone (104) within a predetermined distance and a position of a mouth of the user (206) with respect to the microphone (104), using the one or more sensors (106);

determine a movement required by each of the atleast one movable arm (1022) and the atleast one movable leg (1024) in one or more directions to reach the determined position;

actuate the one or more motors (108) to facilitate the determined movement of the atleast one movable leg (1024) and the atleast one movable arm (1022) to reach proximal to the

mouth of the user (206), thereby completing the automated adjustment of the microphone (104) with respect to the user (206) in real time;

wherein the communication module is configured to connect the system (100) to one or more computing devices, over a communication network, and to receive from the one or more computing devices one or more instructions to be displayed on the display module, wherein the one or more instructions prompt the user (206) about the points to be covered in the speech, convey changes and/or additions in the speech.

2. The system (100) as claimed in claim 1, wherein the control module (110) is further configured to continuously monitor the movement of the user (206) while delivering a speech, and automatically adjust the position of the microphone (104) depending upon the movement using the one or more sensors (106) and the one or more motors (108), in real-time.

3. The system (100) as claimed in claim 2, wherein the microphone (104) is selected from a dynamic microphone (104), a condenser microphone (104) or a piezoelectric microphone (104).

4. The system (100) as claimed in claim 1, wherein the one or more sensors (106) are selected from a group comprising ultrasonic sensors, infrared sensors, laser sensors, sound sensors and face detection sensors.

5. The system (100) as claimed in claim 1, wherein the one or more motors (108) are selected from servo motors, stepper motors and permanent magnet DC motors.

6. The system (100) as claimed in claim 1, wherein the movement in the one or more directions is the movement in forward, backward, upward, downward and sideways directions.

7. The system (100) as claimed in claim 1, further comprising a translation module connected with the control module (110);

wherein the control module (110) is configured to translate a speech of the user (206) in preselected one or more languages using the translation module.

8. The system (100) as claimed in claim 7, further comprising a screen (310) connected with the control module (110);

wherein the control module (110) is configured to display the translated speech in the one or more languages on the display screen (310) in real time.

9. The system (100) as claimed in claim 7, further comprising a plurality of audio output devices (410) associated with audience, connected with the control module (110);

wherein the control module (110) is configured to provide the translated speech in the one or more languages on the audio output devices (410) in real time.

~~10. The system (100) as claimed in claim 1, further comprising a display module and a communication module provided at the fixed base (1026) of the microphone stand (102);~~

~~wherein the communication module is configured to connect the system (100) to one or more computing devices, over a communication network;~~

wherein the one or more computing devices may send one or more instructions to be displayed on the display module, the one or more instructions being used to prompt the user (206) about the points to be covered in the speech, convey changes and/or additions in the speech.