

CLAIMS

1. A cleaning apparatus comprising:

at least one module configured to clean a surface, the at least one module comprises a first part and a second part; and

5 a cleaning module configured to clean the second part simultaneously when the first part is operated to clean the surface.

2. The cleaning apparatus of claim 1, wherein the first part or second part is operated to clean the surface via a movement of the cleaning apparatus along a first direction such that the first part moves while in contact with the surface, the
10 movement of the first part causes the cleaning module to clean the second part. .

3. The cleaning apparatus of claim 1 or 2, wherein the cleaning module is further configured to clean the first part when the second part is operated to clean the surface.

4. A cleaning apparatus, comprising:

15 a first member configured to clean a surface;

a plurality of second members configured to be attached to the first member, wherein the first member is shaped and dimensioned to absorb liquid on the surface when the first member is moved along the surface, and wherein each of the plurality of second members is configured to adjust a distance between the first
20 member and the surface.

5. The cleaning apparatus according to claim 4, wherein the first member comprises a rubber material.

6. The cleaning apparatus according to claim 4 or claim 5, wherein each of the plurality of second members comprises an elastic member to move the first
25 member between a first position and a second position.

7. The cleaning apparatus according to any one of claims 4 to 6, wherein the first member has at least one opening formed at an outer surface of the first member,

and wherein the first member has a first space therein in fluid communication with an exterior of the first member via the at least one opening.

8. A system for controlling a cleaning apparatus, the system comprising:

5 a transmitter configured to transmit a first data to a server, the server arranged in data communication with a database;

a receiver configured to receive a second data from the server, the second data for interacting with a user or for effecting a cleaning operation of the cleaning apparatus, the second data determined based on the first data and the database; and

10 a controller configured to control at least one part of the cleaning apparatus to change at least one state of the at least one part of the cleaning apparatus, based on the received second data.

9. The system according to claim 8, wherein the at least one state of the at least one part of the cleaning apparatus includes a movement state, change in speed of a movement.

10. The system according to claim 8 or 9, wherein the controller is configured to control the first part or the second part to perform one or more of the following cleaning actions: sweeping, vacuuming, scrubbing, mopping, window cleaning, table cleaning garbage collecting, arrangement of furniture for facilitating cleaning.

20 11. The system according to any one of claims 8 to 10, wherein the first data includes a current movement state of the apparatus, geographic information of the apparatus, battery management information of the apparatus, hours of operation of the apparatus, error status of the apparatus.

25 12. The system according to any one of claims 8 to 11, wherein the database includes at least one of personality data, user defined personality data, personification data, geographical personality data, seasonal greetings data, and state expressive personality data, and wherein the second data includes at least one data selected from the database based on the first data.

13. The system according to any one of claims 8 to 12, comprising:
- the cleaning apparatus being arranged in data communication with the server, wherein the server is a remote server.
- 5 14. The system according to any one of claims 8 to 13, wherein the database includes map data of one or more locations for controlling the movement of the cleaning apparatus within said location(s).
- 10 15. The system of claim 14, wherein the map data further includes preset zones dictating the operation of the cleaning apparatus within the location(s).
16. The system of claim 14 or 15, wherein the map data can be access by one or more said cleaning apparatus.