

(54) Title of the invention : VOICE CART

(51) International classification :H04N0021810000, G06F0003160000, G10L0019000000, G06K0017000000, H02H0001000000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Chitkara University

Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. Solan -----

2)Chitkara Innovation Incubator Foundation

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)ANUPAMA

Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. Solan -----

2)NAIR, Aditya

Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. Solan -----

3)SHARMA, Neha

Address of Applicant :Chitkara University, Atal Shiksha Kunj, Pinjore-Nalagarh National Highway (NH-21A), District: Solan - 174103, Himachal Pradesh, India. Solan -----

(57) Abstract :

The present invention discloses a system and method for determining distinct items based on received acoustic signals. The system includes a control processing unit 106 that obtains, through voice sensors 206, acoustic signals pertaining to voice of an entity and then process it to recognize one or more items from the processed acoustic signals by matching it with a dataset, which can be retrieved from a database or storage 212. The system then actuates LED(s) 202 of cabinets 112 associated with the recognized items. Further, the system includes a communication module 216, which communicatively couples the control processing unit 106 with other units of the system, and also with external devices such as smartphones. Furthermore, the system 100 includes a display 208 status of the cabinets 112 can be seen. A power source 204 is also there, which is configured to supply electric power to the system.

No. of Pages : 22 No. of Claims : 10