(19) INDIA

(22) Date of filing of Application :26/07/2023

(43) Publication Date: 01/09/2023

## (54) Title of the invention: ZIGBEE BASED AIRHOSTEES ASSISTANCE FOR DEAF AND DUMB IN AIRLINES

:G06Q0030060000, G06Q0020180000, G07F0009020000, (51) International classification G06F0003041000, G07F0009000000 (86) International Application No :PCT// Filing Date :01/01/1900 (87) International Publication No : NA (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number Filing Date

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## (57) Abstract:

The main aim of this invention is to construct a user-friendly multi-language communication system for illiterate/dumb people traveling by Airlines. As we have different languages in our world and its impossible for us to know all the languages. So, in this invention we are building a device that helps them in expressing their needs with other language people (Airhostess) i.e. request them if we need anything in the flight like coffee, tea, drinks etc. In this invention we use Touch screen Technology to make it easy even to illiterates as it is also included with images, which indicates the needs. This even reduces the difficulty to airhostess in receiving the customers with different languages. Here for wireless communication purpose, we use Zigbee technology. The concept is we can see the menu at the table itself at fingertip. The items present on the menu are well described and defined along with the pictures, ingredients etc., wherein the customer places the order by selecting any of the items from different categories present and places the order by using the touch screen and the selected order is being served by the serving staff or it can be a self-service.

No. of Pages: 16 No. of Claims: 4