

(54) Title of the invention : REMOTE CONTROL APPARATUS FOR INPUTTING USER VOICE AND METHOD THEREOF

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| <p>(51) International classification :H04N0005440000, H04N0021422000, H04N0021472000, H04N0021431000, H04N0005445000</p> <p>(86) International Application No :NA<br/>Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA<br/>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA<br/>Filing Date :NA</p> | <p>(71)Name of Applicant :</p> <p><b>1)Chitkara University</b><br/>Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----</p> <p><b>2)Chitkara Innovation Incubator Foundation</b><br/>Name of Applicant : NA<br/>Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p><b>1)VERMA, Parag</b><br/>Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jansla, Rajpura, Punjab - 140401, India. -----</p> <p><b>2)KHULLAR, Vikas</b><br/>Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jansla, Rajpura, Punjab - 140401, India. -----</p> <p><b>3)DUMKA, Ankur</b><br/>Address of Applicant :Women Institute of Technology, Dehradun, Post Office, Chandan Wadi, Prem Nagar, Sudhowala, Uttarakhand - 248007, India. -----</p> <p><b>4)BHARDWAJ, Anuj</b><br/>Address of Applicant :Chandigarh University, NH-95, Ludhiana - Chandigarh Highway, Punjab - 140413, India. -----</p> <p><b>5)SOLANKI, Vikas</b><br/>Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jansla, Rajpura, Punjab - 140401, India. -----</p> <p><b>6)SALUJA, Kamal</b><br/>Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jansla, Rajpura, Punjab - 140401, India. -----</p> <p><b>7)KESTWAL, Mukesh Chandra</b><br/>Address of Applicant :Senior Program Manager – Innovation Hub, Headstart Network Foundation L-148, 5th Main Road, Sector 6, HSR Layout, Bengaluru, Karnataka - 560102, India. -----</p> <p><b>8)KUMAR, Praveen</b><br/>Address of Applicant :Founder Director, Yuvayana Tech and Craft Pvt. Ltd., Plot No 3, Vikas Nagar Singh Colony, Bilaspur, Uttar Pradesh - 244921, India. -----</p> <p><b>9)CHAUDHARI, Vaibhav</b><br/>Address of Applicant :C/o D. K. Chaudhari, House No 32, Ward No 1, Deoria, PO Kichha, District Udham Singh Nagar, Uttarakhand - 263148, India. -----</p> |
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(57) Abstract :

A remote control apparatus (100) for controlling an entertainment device such as a television with voice command is disclosed. The remote control apparatus (100) is designed in such a manner that captures high quality voice commands. The proposed remote control apparatus (100) includes a housing (102) configured to accommodate various components, in addition, the housing ((102)) is having a cardioid polar pattern that may ensure high sensitivity with a cardioid (uni-directional) polar pattern, while also reducing unwanted noise from the side and rear, further improving isolation of the recording source. Moreover, a touch sensitive surface (104) (i.e. touchpad) is disposed on the housing (102) that enables the user to scroll and click for pointing and selecting various operations on the television.

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