

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311064129 A

(19) INDIA

(22) Date of filing of Application :25/09/2023

(43) Publication Date : 13/10/2023

(54) Title of the invention : A SYSTEM AND METHOD FOR PROCESSING GESTURE-BASED INTERACTIONS OF A USER

(51) International classification :G06F0003010000, G06F0003048830, G06F0001160000, A61B0005000000, A61B0005055000

(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, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Bluest Mettle Solutions Private Limited

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)MISHRA, Rahul

Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

2)SINGH, Dhiraj

Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

3)MANTRI, Archana

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

Embodiments of the present disclosure relates to a system (100) and method (300) for processing gesture-based interactions of a user. The system (102) comprises a processor (202) coupled to a memory (204). The memory (204) stores processor-executable instructions. The processor (202) is configured to detect a range of gestures of the user. Next, the processor (202) is configured to process the range of gestures of the user. Thereafter, the processor (202) is configured to interpret the processed range of gestures of the user. In the end, the processor (202) is configured to generate an action corresponding to the interpreted range of gestures.

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