(19) INDIA

(22) Date of filing of Application :28/09/2023 (43) Publication Date : 20/10/2023

# (54) Title of the invention: VERIFICATION AND AUTHENTICATION OF ONLINE DATING PROFILES

(51) International classification :H04L0009320000, H04L0009080000, G06F0021320000, G06Q0030020000, G06F0021340000

(86) International Application No
Filing Date
(87) International
Publication No

:NA
:NA
:NA

Publication No
(61) Patent of Addition
to Application Number
Filing Date
(62) Divisional to

Application Number 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)PANDEY, Sakshi

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

### 3)MANTRI, Archana

#### (57) Abstract:

This computer-implemented system (100) revolutionizes online dating profile verification by seamlessly integrating biometric data and state-of-the-art AI algorithms. Its key components include an intuitive user interface (104) for collecting user data, a sophisticated AI algorithm (108) for rigorous analysis, a secure profile repository (112), an exclusive authentication process (114), and a personalized profile verification report generator (116). The system supports various biometric markers and cross-references data from multiple sources to ensure profile authenticity. It employs robust authentication methods, while also providing users with constructive feedback on data consistency and completeness. Together, these elements create a user-centric, secure, and trustworthy online dating environment.

No. of Pages: 30 No. of Claims: 10