(19) INDIA

(22) Date of filing of Application :16/08/2023 (43) Publication Date : 15/09/2023

## (54) Title of the invention: A SYSTEM AND METHOD FOR CONDUCTING AUTOMATED FORENSIC INVESTIGATION OF DEVICES IN A NETWORK

(51) International classification :A61B0005000000, G06Q00100800000, G16H00106000000, G06Q001000000000, G16H0040670000

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

:NA
:NA
:NA

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

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant: 1)Chitkara University

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

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 conducting automated forensic investigation of devices in a network. The system comprises a processor (202) coupled to a memory (204). The memory (204) stores processor-executable instructions. The processor (202) is configured to collect data from a plurality of sources. Further, the processor (202) is configured to analyse the collected data. Next, the processor (202) is configured to detect security breaches based on the analysis. In the end, the processor (202) is configured to generate a report based on the detected security breaches.

No. of Pages: 25 No. of Claims: 10