(19) INDIA

(22) Date of filing of Application: 18/08/2023 (43) Publication Date: 15/09/2023

(54) Title of the invention: A SYSTEM AND METHOD FOR REAL-TIME RESTORATION OF FILES DAMAGED BY **MALWARE**

:G06F0021560000, G06F0011140000, (51) International G06F0021550000, A61B0005000000, classification H04W0012128000 (86) International :NA Application No :NA Filing Date (87) International : NA **Publication No** (61) Patent of Addition:NA to Application Number :NA Filing Date (62) Divisional to :NA **Application Number**

: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, Dhirai

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:

Filing Date

Embodiments of the present disclosure relates to a system (100) and method (300) for real-time restoration of files damaged by malware. In an aspect, the present disclosure discloses a system (102) for real-time restoration of files damaged by malware. 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 identify a malware attack on one or more files. Further, the processor (202) is configured to detect the one or more files affected by the malware attack. Next, the processor (202) is configured to clean the detected one or more files affected by the malware attack. In the end, the processor (202) is configured to restore the cleaned one or more files from a backup file server.

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