(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2024

(21) Application No.202411012333 A
(43) Publication Date : 01/03/2024

(54) Title of the invention : SYSTEM AND METHOD FOR CYBERSECUIRTY OF DATA STORAGE DEVICES

(51) International classification :G06N0020000000, G06F0003060000, G06F0016245800, G06N0005020000, G06F0021560000
(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)PANDEY, Sakshi
Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ---------- ----------
3)SHARMA, Shubham
Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ---------- ----------

(57) Abstract :
The present disclosure provides a system (102) and method for cybersecurity of data storage devices. The system (102) includes data storage devices (104) operatively connected to the system (102). The system (102) monitors, activities associated with the storage devices (104). The system (102) analyzes, the activities using machine learning techniques, Artificial Intelligence techniques, and threat intelligence feeds. The system (102) detects, cybersecurity events based on the analysis of the one or more activities. The system (102) responds, to the one or more cybersecurity events using one or more defense mechanisms.

No. of Pages : 20 No. of Claims : 8