

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2023

(21) Application No.202331044074 A

(43) Publication Date : 07/07/2023

(54) Title of the invention : Blockchain and IOT's role in the Indian banking sector's digital transition

(51) International classification :A61K 367300, C12P 171800, G06Q 400200, H04L 090600, H04L 093200
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)Mr. Neelanjan Mitra

Address of Applicant :Assistant Professor, Department of Business Management, Swami Vivekananda University, Barrackpore, West Bengal - 700121 -----

2)Dr. Anirban Hazra

3)Mr. Sourav Saha

4)Mr. Soumen Nath

5)Dr. Sanjay Bhattacharya

6)Ms. Sraddha Roy Choudhury

7)Mrs. Paramita Kundu Maji

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Mr. Neelanjan Mitra

Address of Applicant :Assistant Professor, Department of Business Management, Swami Vivekananda University, Barrackpore, West Bengal - 700121 -----

2)Dr. Anirban Hazra

Address of Applicant :Assistant Professor & HOD, Department of Business Management, Swami Vivekananda University, Barrackpore, West Bengal - 700121 -----

3)Mr. Sourav Saha

Address of Applicant :Assistant Professor, Department of Computer Science & Engineering, Swami Vivekananda University, Barrackpore, West Bengal - 700121 -----

4)Mr. Soumen Nath

Address of Applicant :Assistant Professor, Department of Business Management, Swami Vivekananda University, Barrackpore, West Bengal - 700121 -----

5)Dr. Sanjay Bhattacharya

Address of Applicant :Assistant Professor, Department of Business Management, Swami Vivekananda University, Barrackpore, West Bengal - 700121 -----

6)Ms. Sraddha Roy Choudhury

Address of Applicant :Assistant Professor, Department of Computer Science & Engineering, Swami Vivekananda University, Barrackpore, West Bengal - 700121 -----

7)Mrs. Paramita Kundu Maji

Address of Applicant :Assistant Professor, Department of Computer Science & Engineering, Swami Vivekananda University, Barrackpore, West Bengal - 700121 -----

(57) Abstract :

The present invention discloses Blockchain and IOT's role in the Indian banking sector's digital transition. More specifically the blockchain and the IoT technologies are improving the Indian banking sector's digital transition. They enhance security, transparency, and efficiency in banking operations, facilitate cross-border payments, streamline trade finance, improve customer experiences, and enable financial inclusion. The integration of these technologies with government initiatives supports the nation's digital economy goals and paves the way for a more inclusive and technologically advanced banking sector in India.

No. of Pages : 10 No. of Claims : 2