(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2022

(51) International classification G06F0021530000, H04W0012020000

:NA

: NA

·NA

:NA

:NA

:NA

(86) International Application

(87) International Publication

(62) Divisional to Application

(61) Patent of Addition to

Filing Date

Application Number

Filing Date

Filing Date

Number

(21) Application No.202241077458 A

(43) Publication Date: 06/01/2023

(54) Title of the invention: BLOCK CHAIN FOR IOT SECURITY AND PRIVACY

:G06F0021620000, G02F0001133500, H04L0067120000,

(71)Name of Applicant:

1)Dr. S. Meenakshi

Address of Applicant :Assistant Professor, Computer Science & Applications(Mca), SRM Institute of Science And Technology, Ramapuram Campus, Chennai - 600089, Tamilnadu,

India Chennai --2)Dr. Shahanawaj Ahamad

3)Mr. Rajeev Ratna Vallabhuni

4)Dr. Malmarugan

5)Ms. R. Rathiya

6)Mr. Kasiviswanadham Yadlapalli

7)Mr. Vijaya Krishna Rayi

8)Mr. Amol P. Gargelwar

9)Bhaveshkumar H. Pithadiya

10)Sudhanshu Maurya

11)Rohan Verma

12)Dr. Manmohan Singh Rauthan

Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor:

1)Dr. S. Meenakshi

Address of Applicant : Assistant Professor, Computer Science & Applications (Mca), SRM Institute of Science And Technology, Ramapuram Campus, Chennai - 600089, Tamilnadu, India Chennai -

2)Dr. Shahanawaj Ahamad

Address of Applicant :Assistant Professor, Information and Computer Sciences, College of Computer Science and Engineering, University of Hail, Saudi Arabia -----

3)Mr. Rajeev Ratna Vallabhuni

Address of Applicant : Application Developer, Bayview Asset Management, LLC, Florida,

4)Dr. Malmarugan

Address of Applicant : Consultant, Consultancy, freelancer consultant, Coimbatore - 641004, Tamilnadu, India Coimbatore --

5)Ms. R. Rathiya

Address of Applicant : Assistant professor, Computer Science and Engineering, Dr. NGP Institute of Technology, Coimbatore - 641048, Tamilnadu, India Coimbatore

6)Mr. Kasiviswanadham Yadlapalli

Address of Applicant : Associate Professor, IT, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru - 521356, Andhra Pradesh, India Gudlavalleru -

7)Mr. Vijaya Krishna Rayi

Address of Applicant : Assistant Professor, EEE, GMR Institute of Technology, Rajam -532127, Andhra Pradesh, India Rajam -

8)Mr. Amol P. Gargelwar

Address of Applicant : Assistant Professor, Microbiology, Chintamani College of Science, Pombhurna, Dist., Chandrapur – 442918, Maharashtra, India Chandrapur –

9)Bhaveshkumar H. Pithadiya

Address of Applicant :23-Diwaxi residency, Bakrol - 388315, Anand, Gujarat, India Anand ---

10)Sudhanshu Maurya

Address of Applicant : M. Tech CSE Student, Hemvati Nandan Bahuguna Garhwal University, Srinagar Garhwal - 246174, Uttarakhand, India Garhwal -----

Address of Applicant :Assistant Professor, Computer Science and Engineering, Hemvati Nandan Bahuguna Garhwal University, Srinagar Garhwal - 246174, Uttarakhand, India Srinagar Garhwal ---

12)Dr. Manmohan Singh Rauthan

Address of Applicant : Professor, Computer Science and Engineering, Hemvati Nandan Bahuguna Garhwal University, Srinagar Garhwal, Uttarakhand - 246174, India Srinagar Garhwal --

Block chain technology, originally developed exclusively for the Bit coin crypto currency, is now well-known even among people who do not use electronic money. This technology has been used for years not only in digital financial systems but also in other areas of the economy. Furthermore, programmers, financial analysts and economists agree that the prevalence and demand for block chain will increase exponentially every year. The most optimistic experts say that this technology is one of the most important inventions of mankind since the creation of the World Wide Web. This is an archive in which data about all transactions is stored, but not individually, but connected in a chain. The most popular system that uses block chain is Bit coin, which is one of the most secure digital financial systems. However, block chain technology is, in simple terms, a tool for storing and transmitting data that can theoretically be used in any area of e-

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