

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 37/2023
ISSUE NO. 37/2023

शुक्रवार
FRIDAY

दिनांक: 15/09/2023
DATE: 15/09/2023

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE



R. Vimal Nishant
Dr. R. VIMAL NISHANT, M.Com., M.Phil., Ph.D.,
PRINCIPAL
Excel College for Commerce and Science
Komarapalayam-637 303.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311055342 A

(19) INDIA

(22) Date of filing of Application :18/08/2023

(43) Publication Date : 15/09/2023

(54) Title of the invention : BLOCKCHAIN BASED APPROACHES FOR MONITORING FRAUD DETECTIONS OF DIGITAL PAYMENT INDUSTRY 4.0

(51) International classification :G06Q0020400000, G06Q0020380000, H04L0009140000, G06Q0020120000, G06F0021600000
(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)Sameer Yadav
Address of Applicant :Department of Commerce and Business Administration, University of Allahabad, Prayagraj, Uttar Pradesh, ORCID 0000-0002-6949-6302, India - 211002 Prayagraj -----
2)Swetha.S
3)Dr D Loganathan
4)Gopinath V
5)Dr. Vineet Chouhan
6)Dr.Nirmala Devi M
7)Hiralal Bhaskar Solunke
8)Dr V.Sangeetha
9)N M Deepika
10)Dr Amit chauhan
11)P. Dhineshkumar
12)P.Gopika
Name of Applicant : NA
Address of Applicant : NA
(72)Name of Inventor :
1)Sameer Yadav
Address of Applicant :Department of Commerce and Business Administration, University of Allahabad, Prayagraj, Uttar Pradesh, ORCID 0000-0002-6949-6302, India - 211002 Prayagraj -----
2)Swetha.S
Address of Applicant :Student, Department of Computer Science and Engineering, Coimbatore, Tamilnadu, India - 641004 Coimbatore -----
3)Dr D Loganathan
Address of Applicant :Professor / Computer Science and Engineering, IIKBK College of Engineering, Bangalore, Karnataka India - 560045 Bangalore -----
4)Gopinath V
Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, K S R Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India - 637215 Tiruchengode -----
5)Dr. Vineet Chouhan
Address of Applicant :Assistant Professor, Institute of Law, Nirma University, Ahmedabad, Gujarat, India Ahmedabad -----
6)Dr.Nirmala Devi M
Address of Applicant :Assistant Professor of English, St.Martin's Engineering college, Secunderabad, Medchal, Telangana, India - 500100 Medchal -----
7)Hiralal Bhaskar Solunke
Address of Applicant :Assistant Professor/Computer Science & Engineering, Socse Sandip University Nashik, Maharashtra, India - 421001 Nashik -----
8)Dr V.Sangeetha
Address of Applicant :Associate professor/Dept of computer science, karpagam academy of higher education Coimbatore, Tamilnadu, India - 641021 Coimbatore -----
9)N M Deepika
Address of Applicant :Assistant Professor, Department of Information technology, Institute of Aeronautical Engineering, Dundigal, Hyderabad, Telangana, India - 500043 Hyderabad -----
10)Dr Amit chauhan
Address of Applicant :Department of Life Sciences, School of sciences, CHRIST (Deemed to be university), Bengaluru, Karnataka, India Bengaluru -----
11)P. Dhineshkumar
Address of Applicant :Assistant Professor, Department of Computer Science, Excel College For Commerce And Science, Komarapalayam, Namakkal, Tamilnadu, India - 637303 Namakkal -----
12)P.Gopika
Address of Applicant :Assistant Professor, School of Management Studies, Karpagam College of Engineering, Coimbatore, Tamilnadu, India - 641012 Coimbatore -----

(57) Abstract :

A system and method for monitoring fraud detection in the digital payment industry, specifically tailored for the context of Industry 4.0, are disclosed. The invention leverages blockchain technology to provide enhanced security, immutability, and transparency in digital payment transactions. By integrating blockchain with real-time monitoring and smart contract automation, the invention facilitates early detection and prevention of fraudulent activities within the evolving landscape of Industry 4.0.

No. of Pages : 13 No. of Claims : 5



R. Nishant
Dr. R. VIMAL NISHANT, M.Com., M.Phil., Ph.D.,
PRINCIPAL
Excel College for Commerce and Science
Komarapalayam-637 303.