



(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/inc>)

Patent Search

Invention Title	BLOCKCHAIN TECHNOLOGY-BASED ELECTRONIC HEALTH RECORD DATA FOR SECURITY
Publication Number	47/2022
Publication Date	25/11/2022
Publication Type	INA
Application Number	202211065490
Application Filing Date	15/11/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	G16H0010600000, G16H0050200000, G16H0040200000, G16H0040670000, G06F0021620000

Inventor

Name	Address	Country	Nationality
Ms. Megha Jain	JSS Academy of Technical Education C 20/1 Sector 62 Noida Gautam Buddha Nagar 201, India- 201301	India	India
Dr. Dhiraj Pandey	JSS Academy of Technical Education C 20/1 Sector 62 Noida Gautam Buddha Nagar 201, India- 201301	India	India
Chirag Gupta	JSS Academy of Technical Education C 20/1 Sector 62 Noida Gautam Buddha Nagar 201, India- 201301	India	India
Dimple	JSS Academy of Technical Education C 20/1 Sector 62 Noida Gautam Buddha Nagar 201, India- 201301	India	India
Anamta Ansari	JSS Academy of Technical Education C 20/1 Sector 62 Noida Gautam Buddha Nagar 201, India- 201301	India	India
Dr. Puspha Choudhary	JSS Academy of Technical Education C 20/1 Sector 62 Noida Gautam Buddha Nagar 201, India- 201301	India	India

Applicant

Name	Address	Country	Nationality
JSS Academy of Technical Education Noida	C 20/1 Sector 62 Noida Gautam Buddha Nagar 201301	India	India

Abstract:

The present invention relates to the Electronic health record systems using Blockchain technology. It is a big problem that most of time the patient's medical data is scattered among all healthcare centres. A Blockchain technology-based electronic health record portal for patents, doctor, and other user to provide temper proof, secure, and efficient access to health records while maintaining the privacy of patient's health records. The aim of this invention is to deal with the various needs of patients, doctors, and third as well as to see how the system could resolve privacy and security issues in the healthcare industry.

Complete Specification

Field of the Invention

[0001] The present invention relates to a blockchain-based technology for electronic health records that is confidential and secure. More particularly, the present invention relates to using app-based Blockchain technology to secure electronic health record data for patients or doctors.

Background

[0002] The background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0003] Generally, Blockchain based technology is applicable in various application systems such as digital currency, grow up industries and various sectors for safeguarding records. To establish the benefits of Blockchain Technology on the medical sector work has been designed to develop a secure, decentralized, and distributed platform for medical.

[0004] Blockchain based electronic health records (EHR) provide the details of patient treatment and healthcare. This kind of EHRs have derived their features from the primary blockchain characteristics such as authentication, accountability, confidentiality, and data sharing also paying adequate attention when handling sensitive information. This also provides interoperability and makes it convenient to transfer and store information in medical data. It's a software tool used to estimate the patient treatment records for safety purpose. There are various techniques to resolve the problem, which are disclosed in patent literature. Few exemplary documents are discussed below.

[0005] The US011227675B2 (by RBM Health LLC, Atlanta, GA (US)) relates to various embodiments disclosed herein describe a blockchain based technology for patient

[View Application Status](#)



**Department of Industrial
Policy and Promotion**
Government of India

[Terms & conditions \(http://ipindia.gov.in/terms-conditions.htm\)](http://ipindia.gov.in/terms-conditions.htm) [Privacy Policy \(http://ipindia.gov.in/privacy-policy.htm\)](http://ipindia.gov.in/privacy-policy.htm)
[Copyright \(http://ipindia.gov.in/copyright.htm\)](http://ipindia.gov.in/copyright.htm) [Hyperlinking Policy \(http://ipindia.gov.in/hyperlinking-policy.htm\)](http://ipindia.gov.in/hyperlinking-policy.htm)
[Accessibility \(http://ipindia.gov.in/accessibility.htm\)](http://ipindia.gov.in/accessibility.htm) [Archive \(http://ipindia.gov.in/archive.htm\)](http://ipindia.gov.in/archive.htm) [Contact Us \(http://ipindia.gov.in/contact-us.htm\)](http://ipindia.gov.in/contact-us.htm)
[Help \(http://ipindia.gov.in/help.htm\)](http://ipindia.gov.in/help.htm)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019