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Patent Search

Invention Title	BLOCKCHAIN BASED INTERNET OF THINGS SYSTEM WITH DATA PROCESSING AND CLEANING METHOD TO THE SENSORS
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Abstract:

The Sensor Devices, Smart Devices, Actuators, Wearable Health Devices, and the entire internet connected devices are the Internet of Things (IoT) De internet in an intelligent manner. Due to the development of the technology every day, an IoT device increases than the Human on the earth. The Se connected in an intelligent manner for exchanging the data. All the sensors connected to the IoT network through Internet. The Blockchain technolo; required to provide Security, Transparency, and Privacy in transmitting the sensor data to the requested user from the server. The present invention based Internet of Things (IoT) System with Data Processing and Cleaning method to the Sensor Data comprising of: IoT Sensor Network (201); Blockc and Cleaning (203); and Cloud Server (204); provides the Security, Transparency, and Privacy along with reduced storage, and processing cost. The De method is used in the present invention to remove corrupted and invalid data of the sensors by detecting the invalid and corrupted data. Sometime sensor may produce corrupted data and processing and storing such data can cause computation and storage cost. The Data Processing and Cleani avoids storage and processing cost upon receiving corrupted or invalid data. The present invention uses HSA512 hashing and Advanced Encryption S to provide privacy and security.

Complete Specification

The present invention relates to the technical field of Computer Science Engineering.

Particularly, the present invention is related to a Blockchain based Internet of Things System with Data Processing and Cleaning method to the Sen field of Internet of Things in Computer Science Engineering.

More particularly, the present invention is related to a Blockchain based Internet of Things System with Data Processing and Cleaning method to th the Security, Transparency, and Privacy along with storage, and processing cost. The Data processing and Cleaning method is used in the present ir corrupted and invalid data of the sensors by detecting the invalid and corrupted data.

BACKGROUND & PRIOR ART

A large collection of heterogeneous sensing devices, topologies, and protocols make up an Internet of Things (IoT) network. The Internet of Things (IoT) is a network of internet connected sensors that can send data over the internet without the need for human intervention. All of these networked sensors can be controlled remotely via the internet. Sensors in the networks are distributed at random and are movable in nature. A slew of current security vulnerabilities and threats have been scanning the internet for gaps to exploit. Security risks have emerged as a serious concern in the light of recent rapid technological developments in IoT necessitating immediate and effective Smart home

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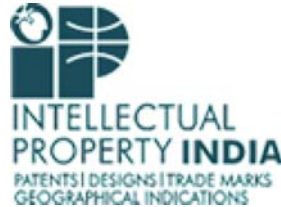




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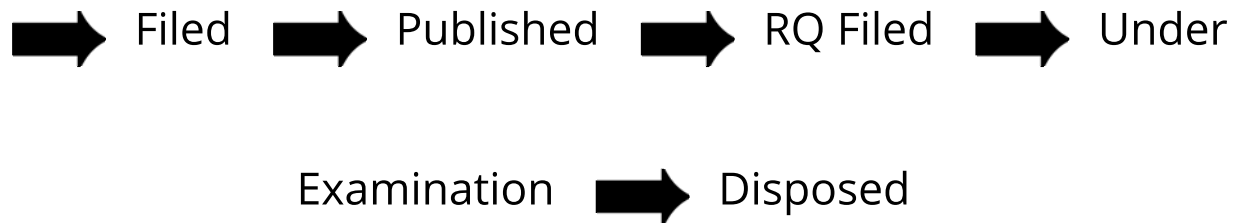
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APPLICATION STATUS

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