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Patent Search

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Abstract:

A BLOCK CHAIN BASED ARTIFICIAL IOT DATA ACQUISITION IN EDGE COMPUTING ENVIRONMENT ABSTRACT The term "blockchain" refers to a distributed ledger technology which is essentially a list of entries that have time stamps that are sequential. This decentralised technology has evolved into a powerful model that may be used to bring trust among entities that previously lacked trust in a way that is transparent. A developing technology for the Internet of Things (IoT) is blockchain-enabled edge intelligence development was spurred on by the recent advancements in multi-access edge computing (MEC) and artificial intelligence (AI). In this invention, we discuss how blockchain technology might be used to enable edge intelligence in the Internet of Things (IoT) space, highlight the developing trends, and recommend open invention questions. To be more specific: (1) we begin by providing some fundamental knowledge of DLT, MEC, and AI; (2) we then present a comprehensive overview of the most recent literature that has been peer-reviewed; (3) we then explore several open concerns and invention gaps that need to be filled before further investigations can be conducted; and (4) we conclude with some recommendations. We anticipate that edge intelligence that is enabled by blockchain will become an essential enabler of the Internet of Things (IoT), offering security and intelligence necessary to satisfy the complex requirements of industry and society.

[Complete Specification](#)

Description:FORM 2
THE PATENTS ACT,1970
(39 of 1970)
&
THE PATENT RULES, 2003
Complete Specification
(See section10 and rule13)

1. Title of the Invention: A BLOCK CHAIN BASED ARTIFICIAL IOT DATA ACQUISITION IN EDGE COMPUTING ENVIRONMENT

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