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### Patent Search

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**Abstract:**

A NOVEL METHOD FOR MANAGING THE DIGITAL SUPPLY CHAIN AND SMART TECHNOLOGIES IN MARKETING A method for the development of a shared digital supply management system based on the present invention is provided, including a user's terminal system and a management platform. The user's terminal system is in charge of registering the management platform and transmitting, responding to, and publishing pertinent information. The solution offers secure input to stakeholders for the digital logistics, data analytics, or liability as well as quality standards when the digital asset is used to build a physical part. To improve the transparency and integrity of the supply chain, transactions, smart contracts, and other tasks may be recorded on a distributed ledger or blockchain. Tracking the movement and conditions of goods from manufacture through transportation and delivery is possible with blockchain-enabled packaging. Different embodiments additionally support improved patient safety, chain security for pharmaceuticals, medical equipment, and other healthcare supplies, and user compliance with legal requirements. Using a safe, distributed transaction, the first entity computer processor may then record pre-delivery information about the industrial asset. FIG.1

**Complete Specification**

Description: A NOVEL METHOD FOR MANAGING THE DIGITAL SUPPLY CHAIN AND SMART TECHNOLOGIES IN MARKETING

Technical Field

[0001] The embodiments herein generally relate to a method for a novel method for managing the digital supply chain and smart technologies in marketing.

Description of the Related Art

[0002] The information resources share of each link in the digitalized logistic chain is completely disconnected from the chain, which makes it difficult for businesses to adapt to sudden changes in demand. The digitalized logistic chain is essentially all the shape of one section of each pipe of the business. A comprehensive computer system allows for the manufacture of items through digital manufacturing. These interconnected systems, which frequently make use of networks, combine physical hardware with software systems, are known as cyber-physical systems. Depending on the nature of the product, it may take months or years from the moment a firm individual first has an idea for a new product until the client holds the finished product. One of the most significant issues facing producers and other organizations involved in providing goods to the healthcare business is supply chain security. A supply chain entity may only have a limited capacity to transfer risks related to the chain because a supply chain can include a complicated collection of resources from different parts of the world. At least in part, worries about security are to blame for reluctance to reveal non-public information.

[0003] The traditional market promotion model of a manufacturing firm and technique of service are challenged as market competition becomes more intense. Because a part's geometric data, which is especially vulnerable to cyber-attacks, is included in a CAD model as part of the additive manufacturing process, this information is important. CAM tools are also referred to as slicers in the context of three-dimensional (3D) printers. Furthermore, due to low printer utilization rates, organizations

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