

(54) Title of the invention : SYSTEM AND METHOD FOR DISK SPACE RENTING USING DISTRIBUTED LEDGER TECHNOLOGY

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(57) Abstract :

The present invention relates to a system (100) and method (300) for disk space renting using a distributed ledger technology. The system allows for private data owners and disk space owners to trade disk space freely while providing an administrator that approve or disapprove user requests for renting disk space. The system enables users to create an account, view hard drive utilization, and manage their rented space. The system also utilizes a smart contract to automate allocation and de-allocation of disk space and recommends suitable disk space plans for users based on their usage patterns and budget. The system allows for prioritizing user requests based on urgency, available space, and user reputation, and also provides additional safeguards to protect user data. The system and method provide a secure and efficient way for users to rent disk space using distributed ledger technology.

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