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(54) **METHOD, APPARATUS, ELECTRONIC DEVICE, AND MEDIUM FOR DATA TRANSFER**

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(57) **ABSTRACT**

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Embodiments of the present disclosure relate to a method, an apparatus, an electronic device, and a medium for data transfer. The method includes generating, based on metadata of to-be-transferred data and a blockchain including a data transfer record, an ownership certificate of an initiator of a transfer for the to-be-transferred data. The method further includes generating a new transfer record for validation by a blockchain system, where the new transfer record includes the ownership certificate and validation information associated with a receiver of the transfer. The method further includes transferring the to-be-transferred data to the receiver in response to that the new transfer record passes validation of the blockchain system. In this way, the data transfer record may be reliably stored in the blockchain, thereby providing reliable integrity protection and data traceability for a storage system.

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