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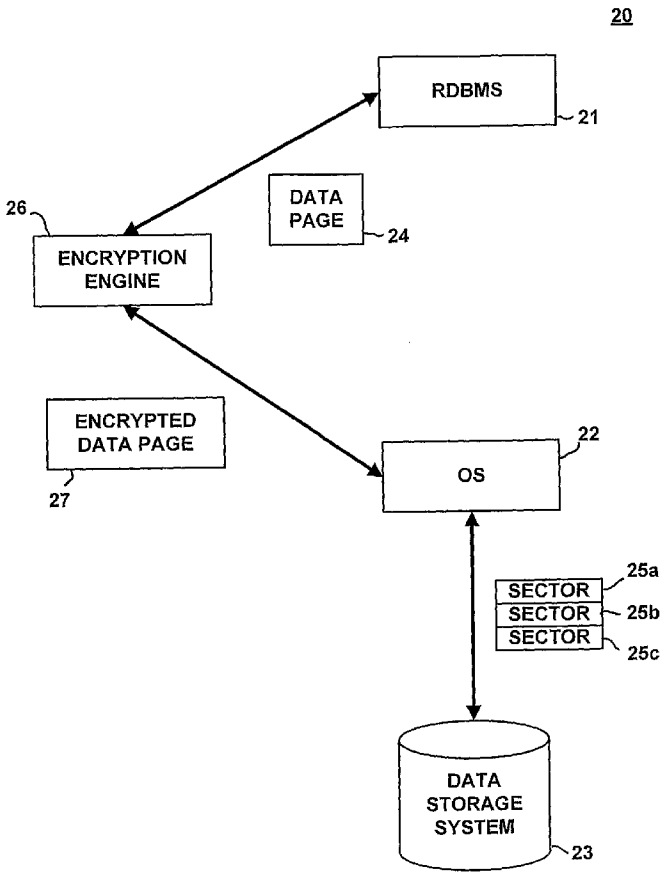
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(54) Title: NON-INVASIVE ENCRYPTION FOR RELATIONAL DATABASE MANAGEMENT SYSTEMS



(57) Abstract: A secure relational database system is provided which utilizes a non-invasive encryption technique. Data pages stored or retrieved by a relational database management system are diverted to a multi-channel hardware encryption engine for processing. Each data page is divided into multiple buffers and distributed among the channels of the hardware encryption engine to be processed simultaneously. The data page is then reassembled and passed on to its intended destination.

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