

A METHOD TO TRANSMIT AND UPDATE A TRANSMITTED ELECTRONIC DOCUMENT

ABSTRACT

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The invention relates to a method to securely transmit a document to a storage location, including partitioning the document into data blocks categorizing each data block assigning a digital signature to each classified data block, storing the assigned digital signatures to a signature table, preparing a delta file to receive the data of the data blocks and transmitting the data blocks.

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The invention further provides a method to securely transmit amendments to a document, including partitioning the amended document into data blocks, preparing a subsequent signature table, taking signatures assigned and storing in the subsequent signature table, identifying the data blocks that have been amended by identifying identical signatures in the subsequent and signature table of the original document, identifying and classifying the identified complete blocks of data as new, computing and assigning signatures to the classified new data blocks, placing the signatures into the subsequent signature table, classifying the remaining data blocks as incomplete, preparing an amendment delta file, preparing a delta file to receive the data of the data blocks, transmitting only the amended data blocks to integrate it with the transmitted documents thereby incorporating the amendments.

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FIGURE 2