

EXHIBIT 5



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Farber et al.

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(54) **ACCESSING DATA IN A DATA PROCESSING SYSTEM**

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G06F 17/30 (2006.01)

(52) **U.S. Cl.** **707/758; 707/781; 707/821**

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See application file for complete search history.

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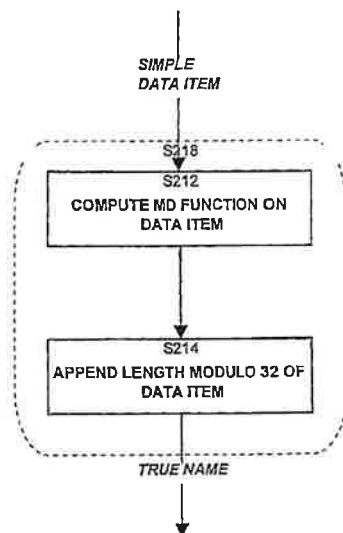
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(57) **ABSTRACT**

Access to data items uses names based on the data in the data items; the name of a data item may be based, at least in part, on a function of some or all of the bits that comprise the data item. A data item may comprise an arbitrary sequence of bits. The function may include a hash function or a message digest function. The name of a data item may be compared to a list of names of other data items.

178 Claims, 31 Drawing Sheets



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