EXHIBIT 1

(12) United States Patent

Farber et al.

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(45) Date of Patent: *Sep. 21, 2010

(54) CONTROLLING ACCESS TO DATA IN A DATA PROCESSING SYSTEM

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Subject to any disclaimer, the term of this Notice:

patent is extended or adjusted under 35

U.S.C. 154(b) by 79 days.

This patent is subject to a terminal dis-

claimer.

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726/27, 29; 713/181

See application file for complete search history.

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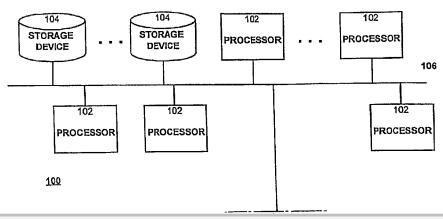
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ABSTRACT

Access to and delivery of licensed content is controlled using content names that were determined based on the content. A name for a data item is obtained, the name having been determined based at least in part on the data which comprise the contents of the data item. Access to the data item is authorized based at least in part on the name. Once authorized, access may be granted from more than one computer. The name may have been determined using a hash or message digest function such as MD4, MD5 or SHA. The data item may comprise a file, a portion of a file, a page in memory, a digital message, a digital image, a video signal or an audio signal.

87 Claims, 31 Drawing Sheets





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