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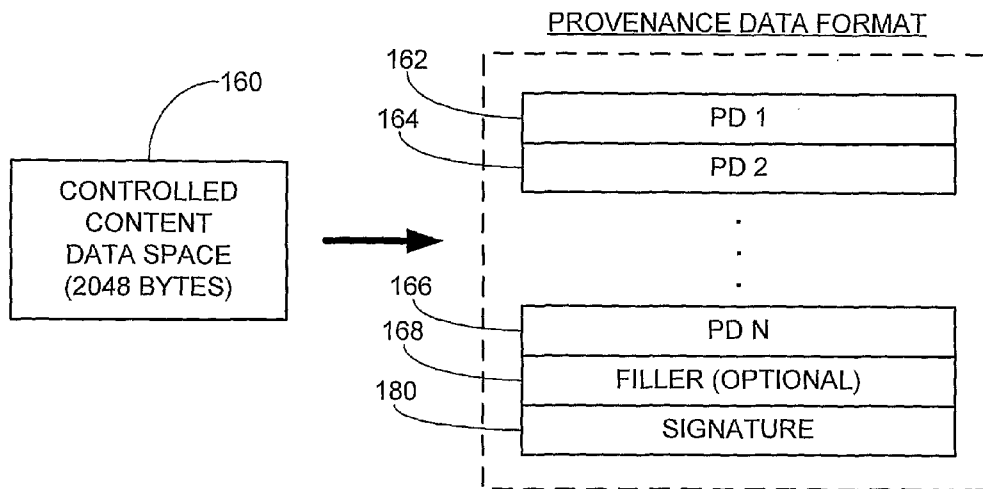
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(54) **Title:** VERIFYING PROVENANCE DATA ASSOCIATED WITH DIGITAL CONTENT



(57) **Abstract:** Method and apparatus for verifying provenance data (204) associated with digital content (202). The provenance data preferably comprises a number of entries (162, 164, 166) that serve as a history of processing steps (140, 142, 146, 150) carried out upon the digital content, such as when and by whom the content was created, transmitted, mastered, replicated, etc. A multi-bit digital signature (180, 206) is generated from the provenance data, and the provenance data and the digital signature are stored in a memory (160, 201). A processor (110, 208) uses the digital signature to authenticate the provenance data, preferably by generating a second digital signature (304) from the provenance data and comparing the second digital signature with the first signature (306). The processor further preferably authenticates the content in relation to the authenticated provenance data (308).

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INTERNATIONAL SEARCH REPORT

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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC (8): H04L 9/00 (2007.01) USPC: 713/176 According to International Patent Classification (IPC) or to both national classification and IPC</p>												
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) IPC (8): H04L 9/00 (2007.01) USPC: 713/176</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 713/176, 150, 161, 168, 176; 726/4, 17, 21; 705/51, 54</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base: PubWest (USPT, PGPB, EPAB, JPAB); DialogPro (Engineering); Google Scholar Search Terms Used: provenance data, authenticate, and storing etc.</p>												
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 6,367,013 B1 (Bisbee et al.) 2 April 2002 (02.04.2002) ([abstract] [col 2, ln 19-29] [Fig. 1][col 2, ln 29-34][col 2, ln 46-50][col 5, ln 6-14][col 8, ln 40-42] [Fig. 5, steps 502-512])</td> <td>1-20</td> </tr> </tbody> </table> <p><input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/></p> <p>* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family</p> <table border="1"> <tr> <td>Date of the actual completion of the international search 23 April 2007 (23.04.2007)</td> <td>Date of mailing of the international search report 24 AUG 2007</td> </tr> <tr> <td>Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201</td> <td>Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774</td> </tr> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 6,367,013 B1 (Bisbee et al.) 2 April 2002 (02.04.2002) ([abstract] [col 2, ln 19-29] [Fig. 1][col 2, ln 29-34][col 2, ln 46-50][col 5, ln 6-14][col 8, ln 40-42] [Fig. 5, steps 502-512])	1-20	Date of the actual completion of the international search 23 April 2007 (23.04.2007)	Date of mailing of the international search report 24 AUG 2007	Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774
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