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(54) Title: THEFT PROTECTION METHOD AND PROMOTION SYSTEM FOR AUDIO MEDIA

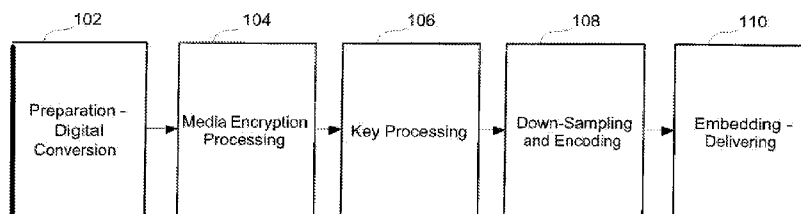


FIG. 1

(57) Abstract: A theft protection method and promotion system for audio media for providing a secure and irreversible way to protect audio containing media content, while supplying an enhanced promotional potential. The inventive device includes a proposed process for the preparation and digital conversion of initial unprotected audio media, a method for producing an irreversibly encrypting waveform to be embedded into audio media, a method for producing a waveform that audibly nullifies the encrypting waveform, a process for the down-sampling and encoding of protected material, and a distribution and promotion system that provides a means by which an end user can access and interact with the protected material.

INTERNATIONAL SEARCH REPORT

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PCT/IB2008/002717

<p>A. CLASSIFICATION OF SUBJECT MATTER IPC: <i>G06F 21/00</i> (2006.01), <i>G06F 5/00</i> (2006.01), <i>G06Q 30/00</i> (2006.01), <i>G11B 20/10</i> (2006.01), <i>H03M 7/00</i> (2006.01), <i>H04L 9/28</i> (2006.01) 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) <i>G06F</i> (2006.01), <i>G06Q</i> (2006.01), <i>G11B</i> (2006.01), <i>H03M</i> (2006.01), <i>H04L</i> (2006.01)</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used) Databases: Canadian Patents Database, WEST, Delphion, Google Patents, IEEE XPLORE Keywords: audio, mp3, music, piracy, theft, irreversibl*, non-reversible, one-way, encrypt*, tone, inverse, cancel, nullify, watermark, jam*</p>																																											
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Category*</th> <th style="width:60%;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="width:30%;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 6,598,162 B1 (Moskowitz) 22 July 2003 (22-07-2003)</td> <td>1 - 3, 6 - 7</td> </tr> <tr> <td>Y</td> <td>* col 3, lines 15 - 63; col 4, lines 34 - 56; col 5, lines 53 - 55; col 6, lines 17 - 51</td> <td>8 - 9</td> </tr> <tr> <td>X</td> <td></td> <td>1 - 7</td> </tr> <tr> <td>Y</td> <td>US 5,394,274 (Kahn) 28 February 1995 (28-02-1995)</td> <td>8 - 9</td> </tr> <tr> <td></td> <td>* col 2, lines 19 - 61; col 4, lines 1 - 10; col 6, lines 3 - 68; col 7, lines 8 - 15 *</td> <td></td> </tr> <tr> <td>A</td> <td>US 6,684,249 B1 (Frerichs et al.) 27 January 2004 (27-01-2004)</td> <td></td> </tr> <tr> <td></td> <td>* Whole Document *</td> <td></td> </tr> <tr> <td>A</td> <td>US 6,272,226 B1 (Khan et al.) 7 August 2001 (07-08-2001)</td> <td></td> </tr> <tr> <td></td> <td>* Whole Document *</td> <td></td> </tr> <tr> <td>A</td> <td>US 4,638,357 (Heimbach) 20 January 1987 (20-01-1987)</td> <td></td> </tr> <tr> <td></td> <td>* Whole Document *</td> <td></td> </tr> <tr> <td>A</td> <td>US 6,904,153 B1 (Wijnen et al.) 7 June 2005 (07-06-2005)</td> <td></td> </tr> <tr> <td></td> <td>* Whole Document *</td> <td></td> </tr> </tbody> </table>		Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 6,598,162 B1 (Moskowitz) 22 July 2003 (22-07-2003)	1 - 3, 6 - 7	Y	* col 3, lines 15 - 63; col 4, lines 34 - 56; col 5, lines 53 - 55; col 6, lines 17 - 51	8 - 9	X		1 - 7	Y	US 5,394,274 (Kahn) 28 February 1995 (28-02-1995)	8 - 9		* col 2, lines 19 - 61; col 4, lines 1 - 10; col 6, lines 3 - 68; col 7, lines 8 - 15 *		A	US 6,684,249 B1 (Frerichs et al.) 27 January 2004 (27-01-2004)			* Whole Document *		A	US 6,272,226 B1 (Khan et al.) 7 August 2001 (07-08-2001)			* Whole Document *		A	US 4,638,357 (Heimbach) 20 January 1987 (20-01-1987)			* Whole Document *		A	US 6,904,153 B1 (Wijnen et al.) 7 June 2005 (07-06-2005)			* Whole Document *	
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<p><input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.</p>																																											
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

International application No.
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