

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS\*

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
4,646,103		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.1, 2.8.1.3.1 <i>Annex:</i> F <i>Fig.:</i> F-1 <i>Pages:</i> PH-2-2, 53, PHX-9  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.8.1.2, 2.8.1.2.3, 2.8.3 <i>Fig.:</i> 2.8.3-1 <i>Pages:</i> PH1-3-1, PH2-40, 40-2, 40-3, 41, 46-2
4,682,332	EP 150,811 (DE, FR, GB, NL)	1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.2.11.3, 5.2.11.5 <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1 <i>Pages:</i> PH-128, 129, 132  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.2.11.3, 5.2.11.5 <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1 <i>Pages:</i> PH5-14, 15, 18

\* This report shows *illustrative* essential claims of each patent. Other patent claims also may be essential. Additionally, citations to the DVD specifications reflect one mapping of the representative claim to the DVD specifications. Other mappings of the representative claim or other claims in the patent to the DVD specifications may also be possible.

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
4,740,948		19	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 3.1.1 to 3.1.5, 3.2.1, 3.3.11, 3.3.12, 3.3.13, 3.4.11, 3.4.12, 3.4.14, 3.5, 3.6, 3.7, 3.8.5  <i>Figs.:</i> 3.1-1 to 3.1-3, 3.3-5 to 3.3-8, 3.4-5 to 3.4-8  <i>Pages:</i> PH-61 to 64, 71 to 73, 79 to 82, 91 to 93, 99 to 102, 105 to 108</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 3.1.1 to 3.1.3, 3.2.1, 3.3.11, 3.3.12, 3.3.13, 3.4.11, 3.4.12, 3.4.13, 3.5, 3.6.5  <i>Annex:</i> Y.1.1.1 to Y1.1.4, Y.1.2.1, Y.1.3.9 to Y.1.3.11, Y.1.4.9 to Y.1.4.11, Y.1.5, Y.1.6, Y.1.7.5  <i>Figs.:</i> 3.1-1, 3.1-2, 3.3-5 to 3.3-8, 3.4-5 to 3.4-8, Y.1.1-1, Y.1.1-2, Y.1.3-5 to Y.1.3-8, Y.1.4-5 to Y.1.4-8  <i>Pages:</i> PH3-1 to 4, 11 to 13, 19 to 22, 31 to 33, 39 to 42, 45, 46, PHX-Y1 to Y4, Y11 to Y14, Y23 to Y26, Y35 to Y38, Y47 to Y50, Y54, Y55</p>
5,257,256		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.8.1.3, 2.8.1.3.1  <i>Annex:</i> F  <i>Fig.:</i> F-1  <i>Pages:</i> PH-3, 17, 53, PHX-9</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.8.1.2, 2.8.1.2.3  <i>Fig.:</i> 2.8.3-1  <i>Pages:</i> PH1-4, PH2-1, 40, 40-2, 40-3, 41, 46-2</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,333,126	DE 4,304,267	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.31, 1.5.32, 1.5.50, 2.8.1.3.1, 5.2.11.9, 5.3, 5.3.1, 5.3.2, 5.3.3.1  <i>Annex:</i> F, N  <i>Figs.:</i> 5.2.11.9-1, 5.3-2  <i>Tables:</i> 5.3.1-1, 5.3.1-2, 5.2.11.9-1  <i>Pages:</i> PH-1-1, 9, 12, 53, 137, 138, 141-1, 141-2, 144 to 151, PHX-9, 24 to 26</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.8.1.2.3, 2.8.3, 5.2.11.9, 5.3, 5.3.1, 5.3.2, 5.3.3.1  <i>Annex:</i> N  <i>Figs.:</i> 5.2.11.9-1, 5.3-2  <i>Tables:</i> 5.3.1-1, 5.3.1-2, 5.2.11.9-1  <i>Pages:</i> PH1-3-1, 10, 11, 13, PH2-40-2, 40-3, 41, 46-2, PH5-23, 24, 27, 28, 31 to 38, PHX-N1 to N3</p>
5,586,108		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.11, 5.2.11.7, 5.2.11.8, 5.2.11.9  <i>Figs.:</i> 5.2.1-1, 5.2.11.7-1, 5.2.11.8-1, 5.2.11.9-1  <i>Pages:</i> PH-128, 134 to 137</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.11, 5.2.11.7, 5.2.11.8, 5.2.11.9  <i>Figs.:</i> 5.2.1-1, 5.2.11.7-1, 5.2.11.8-1, 5.2.11.9-1  <i>Pages:</i> PH5-14, 20 to 23</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,642,343		16	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.1, 1.5.15, 1.5.31, 1.5.32, 1.5.37, 1.5.50, 2.1, 2.8.1.3, 2.8.1.3.1, 2.8.1.3.2, 5.3, 5.3.1, 5.7.1.5.1  <i>Annex:</i> F  <i>Figs.:</i> 2.1-1, F-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-1, 6, 7, 9, 10, 12, 17, 53, 54, 141, 141-2, 175, 180, 184, PHX-9</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.1, 2.8.1.2.3, 2.8.1.2.4, 2.8.3, 5.3, 5.3.1  <i>Figs.:</i> 2.1-1, 2.8.3-1  <i>Pages:</i> PH1-1, 7, 8, 10, 11, 13, PH2-1, 40-2 to 42, 46-2, PH5-27, 28</p>
5,732,061		11	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.8.1.2.3, 2.8.2, 5.2.11, 5.2.11.9, 5.4, 5.7.1.1, 5.7.1.10, 5.7.2.5  <i>Annex:</i> BB  <i>Figs.:</i> 5.2.11-1, 5.7.1.1-1  <i>Table:</i> 5.4-1  <i>Pages:</i> PH1-1, 7, 10, 11, PH2-40-2, 45, PH5-14, 25, 39, 40, 60, 93, 98, PHX-BB1 to BB10</p>
5,768,298		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.11, 5.2.11.1, 5.2.11.7, 5.2.11.8  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1  <i>Pages:</i> PH-128, 129, 134, 136</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.11, 5.2.11.1, 5.2.11.7, 5.2.11.8  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1  <i>Pages:</i> PH5-14, 15, 20, 22</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,805,565		17	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.2.1.1, 5.2.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-2-2, 17, 115, 119 to 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.2.1.1, 5.2.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-3-1, PH2-1, PH5-1, 5 to 7, 9</p>
5,878,021		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.3.2, 2.8.1.2.1, 5.2.1.1, 5.2.12, 5.2.13  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-21, 52, 119, 120, 139</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.3.2, 2.8.1.1.2.1, 5.2.1.1, 5.2.12, 5.2.13  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH2-5, 39, PH5-5, 6, 25</p>
5,898,663	KR 266,950	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.1.1, 5.2.4, 5.2.6  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-119 to 121, 123, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.1.1, 5.2.4, 5.2.6  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH5-5 to 7, 9, 12</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,906,907		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 2.3.7  <i>Figs.:</i> 2.1-1, 2.3.7-1, 2.4-1  <i>Pages:</i> PH-17, 23, 24, 28</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 2.3.7  <i>Figs.:</i> 2.1-1, 2.3.7-1, 2.4-1  <i>Pages:</i> PH2-1, 7, 8, 13</p>
5,936,933	IN 194,160; PH 1-1997-57406	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.3, 5.1.5, 5.2.1.1  <i>Tables:</i> 5.1.4-1, 5.3-1  <i>Pages:</i> PH-116 to 119, 154</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.1.3, 5.1.5, 5.2.1.1  <i>Tables:</i> 5.1.4-1, 5.3-1  <i>Pages:</i> PH5-2 to 5, 40</p>
5,953,299		3	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.1.1, 5.2.8, 5.2.9, 5.2.13  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-119, 120, 127, 139</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.1.1, 5.2.8, 5.2.9, 5.2.13  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH5-5, 6, 13, 25</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,974,023		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.1.1, 5.2.9, 5.2.13  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> H-119, 120, 127, 139</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.1.1, 5.2.9, 5.2.13  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH5-5, 6, 13, 25</p>
5,974,581	CN ZL 96105518.9	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.2.11.9  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.9-1  <i>Tables:</i> 5.2.11.2-1, 5.2.11.9-1  <i>Pages:</i> PH-128, 129, 131, 134, 137, 138</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.2.11.9  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.9-1  <i>Tables:</i> 5.2.11.2-1, 5.2.11.9-1  <i>Pages:</i> PH5-14, 15, 17, 20, 23, 24</p>
5,982,738	TW 87,701	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.6.1, 5.1.1, 5.2.1.1, 5.2.2, 5.2.3  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-32, 115, 119, 121, 122</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.6.1, 5.1.1, 5.2.1.1, 5.2.2, 5.2.3  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH2-17, PH5-1, 5, 7, 8</p>

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HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,983,387	KR 239,236	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.2.11.8, 5.2.11.9, 5.7.1.5  <i>Figs.:</i> 5.2.11.1-1, 5.2.11.7-1, 5.2.11.9-1  <i>Pages:</i> PH-17, 128, 129, 134, 136, 137, 174</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.2.11.8, 5.2.11.9, 5.7.1.5  <i>Figs.:</i> 5.2.11.1-1, 5.2.11.7-1, 5.2.11.9-1  <i>Pages:</i> PH2-1, PH5-14, 15, 20, 22, 23, 62</p>
5,991,260		13	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 3.3.1, 3.3.5, 3.4.1, 3.4.5, 3.5, 3.6, 3.7  <i>Figs.:</i> 3.3-3, 3.4-3  <i>Pages:</i> PH-1 to 3, 65 to 68, 77, 85 to 88, 97, 105 to 107</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 3.3.1, 3.3.5, 3.4.1, 3.4.5, 3.5  <i>Figs.:</i> 3.3-3, 3.4-3  <i>Pages:</i> PH1-1 to 3, PH3-1, 4 to 7, 17, 25 to 27, 37, 45</p>
6,064,644	KR 293,595	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-17, 119 to 123, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH2-1, PH5-3-3 to 9, 12</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,075,763		60	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 3.3.1, 3.3.5, 3.3.6, 3.4.1, 3.4.5, 3.4.6, 3.5, 3.6, 3.7  <i>Figs.:</i> 3.3-3, 3.4-3  <i>Pages:</i> PH-1, 2, 3, 65 to 68, 77, 85 to 88, 97, 105 to 107</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 3.3.1, 3.3.5, 3.3.6, 3.4.1, 3.4.6, 3.5  <i>Figs.:</i> 3.3-3, 3.4-3  <i>Pages:</i> PH1-1 to 3, PH3-5 to 8, 17, 25 to 28, 37, 45</p>
(6,076,184) <sup>1</sup>	KR 239,238	2	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.2.11.2, 5.2.11.9  <i>Figs.:</i> 5.2.11.1-1, 5.2.11.9-1  <i>Pages:</i> PH-17, 129, 137</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.2.11.2, 5.2.11.9  <i>Figs.:</i> 5.2.11.1-1, 5.2.11.9-1  <i>Pages:</i> PH2-1, PH5-15, 23</p>
6,108,299		12	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 3, 3.3.1, 3.3.6, 3.4.1, 3.4.6, 3.5, 3.6, 3.7  <i>Figs.:</i> 3.3-3, 3.4-3  <i>Pages:</i> PH-1 to 3, 61, 65, 66, 68, 77, 85, 86, 88, 97, 105 to 107</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 3, 3.3.1, 3.3.6, 3.4.1, 3.4.6, 3.5  <i>Figs.:</i> 3.3-3, 3.4-3  <i>Pages:</i> PH1-1 to 3, PH3-1, 5, 6, 8, 17, 25, 26, 28, 37, 45</p>

<sup>1</sup> U.S. Patent No. 6,076,184 is essential for DVD-RAM for playback and recording, but its non-U.S. counterpart (KR 239,238) has claims directed to disc and playback.

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6,140,028		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 2.1, 2.3.2, 2.3.7 <i>Figs.:</i> 2.1-1, 2.3.7-1, 2.4-1 <i>Pages:</i> PH-17, 21, 23, 24, 28  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 2.1, 2.3.2, 2.3.7 <i>Figs.:</i> 2.1-1, 2.3.7-1, 2.4-1 <i>Pages:</i> PH2-1, 5, 7, 8, 13.
6,160,784		9	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.1, 2.3.3, 2.8, 2.8.1.2.3 to 2.8.1.2.6, 2.8.3, 5.7.1.5.1, 5.7.1.5.2 <i>Figs.:</i> 2.1-1, 2.8.3-1 <i>Table:</i> 5.7.1.5.1-1 <i>Pages:</i> PH1-1, 10, 11, 13, PH2-1, 5, 39, 40-2 to 44, 46-2, PH5-63, 69-2, 72, 74 to 76, 78, 80, 82, 84, 86, 87, 89
6,195,316		3	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.1, 2.3.2, 2.3.5, 2.7.1.3, 2.7.4.2, 2.8.1.1.2.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.3.4 <i>Annex:</i> U <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.1.3-5, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2, U.1-1 <i>Pages:</i> PH1-1, 1-2, 3-1, 3-2, 11, 15, PH2-1, 5, 6, 21, 22, 24, 36, 37, 39, PH5-1, 5 to 9, 30, PHX-U1, U2

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,219,331	CN ZL 02106748.1	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-17, 115, 116, 119 to 121, 127</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH2-1, PH5-1, 2, 5 to 7, 13</p>
6,229,786	KR 377,647	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2  <i>Figs.:</i> 2.1-1, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2, 5.2.1.2-1  <i>Pages:</i> PH-2-2, 17, 39, 115, 119 to 122</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2  <i>Annex:</i> U  <i>Figs.:</i> 2.1-1, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2, 5.2.1.2-1  <i>Pages:</i> PH1-1, PH2-1, 24, PH5-1, 5 to 8, PHX-U1, U2</p>
6,236,635		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.8.1.2.3, 2.8.1.2.4, 5.7.1.5.1.2  <i>Fig.:</i> 2.8.3-1  <i>Pages:</i> PH1-1, 3-2, 7, 10, 11, 13, 15, PH2-40-2, 42, 46-2, PH5-69-2 to 72</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,262,968		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.3.3, 2.7.1.2.5, 2.7.1.3, 2.7.3.3, 5.1.1, 5.2.1.1, 5.2.4, 5.3.4  <i>Annex:</i> L  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.1.3-4, 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2, 2-2, 17, 21, 35 to 39, 41, 47, 119 to 121, 123, 143, PHX-19</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.3.3, 2.7.1.2.5, 2.7.1.3, 2.7.3.3, 5.1.1, 5.2.1.1, 5.2.4, 5.3.4  <i>Annex:</i> L  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.1.3-4, 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 3-1, 3-2, PH2-1, 5, 21 to 24, 26, 33, PH5-1, 5 to 7, 9, 30, PHX-L1</p>
6,307,825		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5.31, 1.5.32, 1.5.50, 2.1, 2.8.1.3, 5.1.1, 5.2.1.1, 5.2.2, 5.2.8, 5.2.9, 5.2.11, 5.3  <i>Figs.:</i> 1.5.32-1, 2.1-1, 5.2.1.1-1, 5.3-1  <i>Pages:</i> PH-1, 3, 9, 10, 12, 17, 53, 115, 119, 120, 122, 127, 128, 141-1</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.8.1.2.3, 5.1.1, 5.2.1.1, 5.2.2, 5.2.8, 5.2.9, 5.2.11, 5.3  <i>Figs.:</i> 1.5-1, 2.1-1, 5.2.1.1-1, 5.3-1  <i>Pages:</i> PH1-1, 4, 10, 11, 13, PH2-1, 40-2, PH5-1, 5, 6, 8, 13, 14, 27</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,314,075		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 1.5.1, 1.5.36, 1.5.37, 2.1, 2.3.2, 2.3.5, 2.7.1.3, 2.7.3, 2.7.3.3, 2.7.4.2, 2.8.1.2.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.1.3-5, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 3, 6, 10, 17, 21, 22, 36, 37, 39, 45, 49, 50, 52, 115, 119 to 122, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.3.2, 2.3.5, 2.7.1.3, 2.7.3, 2.7.3.3, 2.7.4.2, 2.8.1.1.2.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.3.4  <i>Annex:</i> U  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-2 to 4, 7, 11, 15, PH2-1, 5, 6, 21, 22, 24, 30, 33, 36, 37, 39, PH5-1, 5 to 8, PH5-30, PHX-U1, U2</p>
6,314,542		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.7, 5.2, 5.2.11, 5.2.11.7, 5.2.11.9  <i>Figs.:</i> 2.1-1, 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1, 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH1-1, 2, PH2-1, 20, PH5-5, 14 to 16, 20, 22 to 24</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,370,106	KR 300,639	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.3.5, 2.7.1.3, 2.8.1.3.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Annex:</i> L  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 22, 36, 37, 53, 119 to 123, 126, 143, PHX-19</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.3.5, 2.7.1.3, 2.8.1.2.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Annex:</i> L  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 6, 21, 22, 40-2, 40-3, 41, PH5-5 to 9, 12, 30, PHX-L1</p>
6,385,153		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5.1, 1.5.32, 1.5.36, 1.5.37, 2.3.2, 2.8.1.2.1, 2.8.1.3, 2.8.1.3.1, 2.8.1.3.2, 5.2.1.1, 5.2.8, 5.2.9, 5.2.13  <i>Annex:</i> F  <i>Figs.:</i> 1.5-1, 5.2.1.1-1, F-1  <i>Pages:</i> PH-1, 2-2, 3, 6, 9, 10, 21, 52 to 54, 119, 120, 127, 128, 139, PHX-9</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.8.1.2.1, 2.8.1.2.3, 2.8.1.2.4, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11, 5.2.13  <i>Figs.:</i> 1.5-1, 2.8.3-1, 5.2.1.1-1  <i>Pages:</i> PH1-3, 4, 10, 11, 15, PH2-5, 39, 40-2, 42, PH5-5, 6, 13, 14, 25</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,388,986		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-17, 115, 116, 118, 119, 127, 152, 153</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH2-1, PH5-1, 2, 4, 5, 13, 39, 40</p>
6,388,987	CN ZL 97104679.4; CN ZL 200310103557.X; CN ZL 200310103558.4	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.4-1  <i>Pages:</i> PH-17, 115, 116, 118 to 120, 127, 152, 153</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.4-1  <i>Pages:</i> PH2-1, PH5-1, 2, 4 to 6, 13, 39, 40</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,392,985		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.5.48, 2.1, 2.3.2, 2.3.5, 2.7.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Annex:</i> L  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-2, 5.2.1.2-1  <i>Pages:</i> PH-1, 2-2, 11, 17, 21, 22, 36, 37, 119 to 123, 125, 126, 143, PHX-19</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.5, 2.1, 2.3.2, 2.3.5, 2.7.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Annex:</i> L  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-2, 5.2.1.2-1  <i>Pages:</i> PH1-1, 2, 3-2, 13, PH2-1, 5, 6, 9, 21, 22, PH5-5 to 9, 11, 12, 30, PHX-L1</p>
6,430,134		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5.31, 1.5.32, 2.1, 2.8.1.3, 5.1.1, 5.2.1.1, 5.2.2, 5.2.8, 5.2.9, 5.2.11, 5.3  <i>Figs.:</i> 1.5.32-1, 2.1-1, 5.2.1.1-1, 5.3-1  <i>Pages:</i> PH-1, 3, 9, 10, 17, 53, 115, 119, 120, 122, 127, 128, 141-1</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.8.1.2.3, 5.1.1, 5.2.1.1, 5.2.2, 5.2.8, 5.2.9, 5.2.11, 5.3  <i>Figs.:</i> 1.5-1, 2.1-1, 5.2.1.1-1, 5.3-1  <i>Pages:</i> PH1-1, 2, 4, 10, 11, PH2-1, 40-2, PH5-1, 5, 6, 8, 13, 14, 27</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,430,142		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.1, 2.7.1.3, 2.7.3.3, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 39, 45, 115, 119 to 122, 143</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.1, 2.7.1.3, 2.7.3.3, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.3.4  <i>Annex:</i> U  <i>Figs.:</i> 2.1-1, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-2, 1-3-1, 1-3-2, PH2-1, 24, 33, PH5-1, 5 to 8, 30, PHX-U1, U2</p>
6,430,146		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 119 to 123, 126, 143</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, PH5-5 to 9, 12, 30</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,483,794		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 1.5.1, 1.5.32, 1.5.36, 1.5.37, 2.3.2, 2.8.1.2.1, 2.8.1.3, 2.8.1.3.1, 2.8.1.3.2, 5.2.1.1, 5.2.8, 5.2.9, 5.2.12, 5.2.13  <i>Annex:</i> F  <i>Figs.:</i> 1.5-1, 5.2.1.1-1, F-1  <i>Pages:</i> PH-1, 2-2, 3, 6, 9, 10, 21, 52 to 54, 119, 120, 127, 128, 139, PHX-9</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.8.1.1.2.1, 2.8.1.2.3, 2.8.1.2.4, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11, 5.2.12, 5.2.13  <i>Figs.:</i> 1.5-1, 2.8.3-1, 5.2.1.1-1  <i>Pages:</i> PH1-3, 4, 10, 11, 15, PH2-5, 39, 40-2, 42, PH5-5, 6, 13, 14, 25</p>
6,483,800		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 119 to 123, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, PH5-5 to 9, 11, 12, 30</p>

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HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,490,233		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.3.5, 2.5.3, 2.5.5, 2.6, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.4  <i>Figs.:</i> 2.1-1, 2.6-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-3, 17, 22, 29, 32, 34, 115 to 119, 121, 153</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.3.5, 2.5.3, 2.5.5, 2.6, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.4  <i>Figs.:</i> 2.1-1, 2.6-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH1-4, PH2-1, 6, 14, 17, 19, PH5-1 to 5, 7, 40</p>
6,493,295		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.6, 2.7.1.2.4, 2.7.1.2.5, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.4  <i>Figs.:</i> 2.1-1, 2.6-1, 2.7.1.3-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-3, 17, 32, 34 to 37, 115 to 119, 121, 153</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.6, 2.7.1.2.4, 2.7.1.2.5, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.4  <i>Figs.:</i> 2.1-1, 2.6-1, 2.7.1.3-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH1-4, PH2-1, 17, 19 to 22, PH5-1 to 5, 7, 40</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,519,219		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 1.5.1, 1.5.32, 1.5.36, 1.5.37, 2.3.2, 2.8.1.2.1, 2.8.1.3, 2.8.1.3.1, 2.8.1.3.2, 5.2.1.1, 5.2.8, 5.2.9, 5.2.12, 5.2.13  <i>Annex:</i> F  <i>Figs.:</i> 1.5-1, 5.2.1.1-1, F-1  <i>Pages:</i> PH-1, 2-2, 3, 6, 9, 10, 21, 52 to 54, 119, 120, 127, 128, 139, PHX-9</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.8.1.2.1, 2.8.1.2.3, 2.8.1.2.4, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11, 5.2.12, 5.2.13  <i>Figs.:</i> 1.5-1, 2.8.3-1, 5.2.1.1-1  <i>Pages:</i> PH1-3, 4, 10, 11, 15, PH2-5, 39, 40-2, 42, PH5-5, 6, 13, 14, 25</p>
6,522,623		1	<p>DVD-RAM, Part 1 (v.2):  <i>Sec.:</i> 1.1  <i>Annex:</i> Y.1.1, Y.1.1.1 to Y.1.1.4, Y.1.3.14, Y.1.4.14, Y.1.5.2, Y.1.6.2, Y.3  <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-10, Y.1.4-10, Y.3-1  <i>Pages:</i> PH1-1, PHX-Y1 to Y3, Y16, Y28, Y40, Y52, Y54, Y55, Y61</p>
6,529,470		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 17, 119 to 123, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-1, PH5-5 to 9, 11, 12</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,532,207		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 32, 36, 37, 115, 119 to 122, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 17, 21, 22, PH5-1, 5 to 8, 12, 30</p>
6,538,980		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 17, 119 to 122, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-1, PH5-5 to 8, 12</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,538,981		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 32, 36, 37, 115, 119 to 122, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-2, 3-2, PH2-1, 5, 17, 21, 22, PH5-1, 5 to 8, 11, 12, 30</p>
6,542,448		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.7.1.2.4, 2.7.1.2.5, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-3, 17, 35 to 37, 115, 116, 119 to 121, 127</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.7.1.2.4, 2.7.1.2.5, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-4, PH2-1, 20 to 22, PH5-1, 2, 5 to 7, 13</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,542,456		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 32, 36, 37, 115, 119 to 122, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-2, 3-2, PH2-1, 5, 17, 21, 22, PH5-1, 5 to 8, 11, 12, 30</p>
6,542,457		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.1, 1.5.36, 1.5.37, 2.1, 2.3.2, 2.7.1.3, 2.7.3.3, 2.8.1.2.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.3, 5.3.4  <i>Annex:</i> L  <i>Figs.:</i> 2.1-1, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2, 5.2.1.2-1  <i>Pages:</i> PH-1, 2-2, 6, 10, 11, 17, 21, 39, 45, 52, 115, 119 to 123, 141-1, 143, PHX-19</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.1, 2.3.2, 2.7.1.3, 2.7.3.3, 2.8.1.1.2.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.3, 5.3.4  <i>Annex:</i> L, U  <i>Figs.:</i> 2.1-1, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2, 5.2.1.2-1  <i>Pages:</i> PH1-1, 3-1, 11, 13, 15, PH2-1, 5, 24, 33, 39, PH5-1, 5 to 8, 27, 30, PHX-B2, L1, U1, U2</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,542,458		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.1.1, 5.1.3, 5.1.5, 5.2.1, 5.2.1.1, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-17, 115 to 121, 152, 153</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.1.1, 5.1.3, 5.1.5, 5.2.1, 5.2.1.1, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH2-1, PH5-1 to 7, 39, 40</p>
6,545,961		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.3.5, 2.5.3, 2.5.5, 5.1.1, 5.1.3, 5.1.5, 5.2.1, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-3, 17, 22, 29, 115 to 121, 127, 152, 153</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.3.5, 2.5.3, 2.5.5, 5.1.1, 5.1.3, 5.1.5, 5.2.1, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH1-4, PH2-1, 6, 14, PH5-1 to 7, 13, 39, 40</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,545,962		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.3.5, 2.5.3, 2.5.5, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-3, 17, 22, 29, 115, 116, 119 to 121, 127</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.3.5, 2.5.3, 2.5.5, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-4, PH2-1, 6, 14, PH5-1, 2, 5 to 7, 13</p>
6,545,973		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 119 to 123, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, PH5-5 to 9, 30</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,549,497		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.3.5, 2.5.3, 2.5.5, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-3, 17, 22, 29, 115, 116, 119 to 121, 127</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.3.5, 2.5.3, 2.5.5, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-4, PH2-1, 6, 14, PH5-1, 2, 5 to 7, 13</p>
6,549,510		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 17, 32, 115, 119 to 122, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-1, 17, PH5-1, 5 to 8, 11, 12</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,552,978		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.7.1.2.4, 2.7.1.2.5, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-3, 17, 35 to 37, 115, 116, 119 to 121, 127</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.7.1.2.4, 2.7.1.2.5, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-4, PH2-1, 20 to 22, PH5-1, 2, 5 to 7, 13</p>
6,552,994		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 32, 36, 37, 115, 119 to 122, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 17, 21, 22, PH5-1, 5 to 8, 12, 30</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,573,025		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.3.2, 2.3.7  <i>Fig.:</i> 2.1-1  <i>Pages:</i> PH-1, 3, 17, 21, 23</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.3.2, 2.3.7(a)  <i>Fig.:</i> 2.1-1  <i>Pages:</i> PH-1, 4, PH2-1, 5, 7</p>
6,580,673		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 1.5.31, 1.5.32, 2.1, 2.8.1.3, 5.1.1, 5.2.1.1, 5.2.2, 5.2.8, 5.2.9, 5.2.11, 5.2.14, 5.3  <i>Annex:</i> P  <i>Figs.:</i> 1.5.32-1, 2.1-1, 5.2.1.1-1, 5.3-1  <i>Pages:</i> 141-1, PH-1, 3, 9, 17, 53, 115, 119, 120, 122, 127, 128, 139, PHX-29</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.8.1.2.3, 5.1.1, 5.2.1.1, 5.2.2, 5.2.8, 5.2.9, 5.2.11, 5.2.14, 5.3  <i>Annex:</i> P  <i>Figs.:</i> 5-1, 2.1-1, 5.2.1.1-1, 5.3-1  <i>Pages:</i> PH1-1, 2, 4, 10, 11, PH2-1, 40-2, PH5-1, 5, 6, 8, 13, 14, 25, 27, PHX-P1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,580,685		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 17, 119 to 123, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-1, PH5-5 to 9, 11, 12</p>
6,603,730		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 49, 50, 119 to 123, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, 36, 37, PH5-5 to 9, 11, 12, 30</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,611,489		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 49, 50, 115, 119 to 123, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, 36, 37, PH5-1, 5 to 9, 30</p>
6,650,608		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 1.5.1, 1.5.32, 1.5.36, 1.5.37, 2.3.2, 2.8.1.2.1, 2.8.1.3, 2.8.1.3.1, 2.8.1.3.2, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11, 5.2.13  <i>Annex:</i> F  <i>Figs.:</i> 1.5-1, 5.2.1.1-1, F-1  <i>Pages:</i> PH-1, 2-2, 3, 6, 9, 10, 21, 52 to 54, 119, 120, 127, 128, 139, PHX-9</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.8.1.1.2.1, 2.8.1.2.3, 2.8.1.2.4, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11, 5.2.13  <i>Figs.:</i> 1.5-1, 2.8.3-1, 5.2.1.1-1  <i>Pages:</i> PH1-3, 4, 10, 11, 15, PH2-5, 39, 40-2, 42, PH5-5, 6, 13, 14, 25</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,788,643		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH-1, 17, 115, 119, 120, 127, 128</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH1-1, 2, PH2-1, PH5-1, 5, 6, 13, 14</p>
6,795,390		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 115, 119 to 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-1, 5 to 9</p>
6,845,081		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 49, 50, 119 to 122, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, 36, 37, PH5-5 to 8, 11, 12, 30</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,925,040		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 5.1.1, 5.4, 5.7.1.1, 5.7.1.5, 5.7.1.5.1, 5.7.1.5.2 <i>Figs.:</i> 2.1-1, 5.7.1.1-1, 5.7.1.5-1 <i>Tables:</i> 5.4-1, 5.7.1.5.1-1 <i>Pages:</i> PH1-1, 3, 3-2, PH2-1, PH5-1, 39, 40, 60, 62, 63, 69-2, 75 to 90
6,996,036		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.3, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7 <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2 <i>Table:</i> 5.1.4-1 <i>Pages:</i> PH-2-2, 3, 17, 53, 115 to 117, 119 to 121, 127  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.2.3, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7 <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2 <i>Table:</i> 5.1.4-1 <i>Pages:</i> PH1-3-2, 4, PH2-1, 40-2, PH5-1 to 3, 5 to 7, 13
6,996,054		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4 <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2 <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 49, 50, 119 to 122, 125, 126, 143  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4 <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2 <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, 36, 37, PH5-5 to 8, 11, 12, 30
7,009,923		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 2.8.1.2.3, 2.8.1.2.4, 5.7.1.5.1 <i>Fig.:</i> 2.8.3-1 <i>Table.:</i> 5.7.1.5.1-1 <i>Pages:</i> PH2-40-2, 41, 42, PH5-70 to 72, 75 to 83

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,072,277		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 115, 119 to 123, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-1, 5 to 9, 11, 12</p>
7,072,278		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.2.11.9, 5.3  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-1, 2-2, 17, 21, 119 to 123, 125, 126, 137, 138, 141-1</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.2.11.9, 5.3  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-5 to 8, 11, 12, 23, 24, 27</p>
7,072,279		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 115, 119 to 123, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-1, 5 to 9, 11, 12</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,072,280		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 119 to 123, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-5 to 8, 11, 12</p>
7,072,281		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 119 to 122, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-5 to 8, 11, 12</p>
7,072,282		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 115, 119 to 123, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-1, 5 to 9, 11, 12</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,072,286		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 49, 50, 119 to 122, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, 36, 37, PH5-5 to 8, 11, 12, 30</p>
7,072,287		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 49, 50, 119 to 122, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, 36, 37, PH5-5 to 8, 11, 12, 30</p>
7,072,288		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 17, 21, 119 to 123, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-1, 5, PH5-5 to 9, 11, 12</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,075,884		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.31, 1.5.32, 2.1, 2.8.1.3, 5.1.1, 5.2.1.1, 5.2.9  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH-1, 9, 17, 53, 115, 119, 120, 127, 141-1</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5.31, 1.5.32, 2.1, 2.8.1.3, 5.1.1, 5.2.1.1, 5.2.9  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH1-1, 2, 4, 10, 11, PH2-1, 40-2, PH5-1, 5, 6, 8, 13, 14, 27, PHX-P</p>
7,079,478		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 119 to 123, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-5 to 8, 11, 12</p>
7,082,096		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.3, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-2-2, 3, 17, 53, 115 to 119, 121, 152, 153</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.2.3, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH1-3-2, 4, PH2-1, 40-2, PH5-1 to 5, 7, 39, 40</p>

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HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,082,098		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 119 to 122, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-5 to 8, 11, 12</p>
7,085,202		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.3, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-2-2, 3, 17, 53, 115 to 121, 127, 152, 153</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.2.3, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH1-3-2, 4, PH2-1, 40-2, PH5-1 to 7, 13, 39, 40</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,085,222		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.2.11.9, 5.3, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 49, 50, 119 to 123, 125, 126, 137, 138, 141-1, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.2.11.9, 5.3, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, 36, 37, PH5-5 to 9, 11, 12, 23, 24, 27, 30</p>
7,088,652		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 115, 119 to 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-1, 5 to 9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,088,653		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.3, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-2-2, 3, 17, 53, 115 to 117, 119 to 121, 127</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.2.3, 5.1.1, 5.1.3, 5.2.1.1, 5.2.7  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-3-2, 4, PH2-1, 40-2, PH5-1 to 3, 5 to 7, 13</p>
7,088,654		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.3, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.4-1  <i>Pages:</i> PH-2-2, 3, 17, 53, 115 to 121, 127, 152, 153</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.2.3, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.4-1  <i>Pages:</i> PH1-3-2, 4, PH2-1, 40-2, PH5-1 to 7, 13, 39, 40</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,092,348		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 1.5.31, 1.5.32, 1.5.50, 2.1, 2.8.1.3, 5.1.1, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11, 5.2.14, 5.3  <i>Annex:</i> P  <i>Figs.:</i> 1.5.32-1, 2.1-1, 5.2.1.1-1, 5.3-1  <i>Pages:</i> PH-1, 3, 9, 12, 17, 53, 115, 119, 120, 127, 128, 139, 141-1, PHX-29</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.8.1.2.3, 5.1.1, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11, 5.2.14, 5.3  <i>Annex:</i> P  <i>Figs.:</i> 1.5-1, 2.1-1, 5.2.1.1-1, 5.3-1  <i>Pages:</i> PH1-1, 2, 4, 10, 11, 13, PH2-1, 40-2, PH5-1, 5, 6, 13, 14, 25, 27, PHX-P1</p>
7,092,349		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 115, 119 to 123, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-1, 5 to 9, 11, 12</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,092,350		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 36, 37, 49, 50, 119 to 123, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 2.7.4.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 21, 22, 36, 37, PH5-5 to 9, 11, 12, 30</p>
7,099,262		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11, 5.2.13  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH-1, 17, 115, 119, 120, 127, 128, 139</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.2.1.1, 5.2.8, 5.2.9, 5.2.11, 5.2.13  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH1-1, 2, PH2-1, PH5-1, 5, 6, 13, 14, 25</p>
7,099,263		1	<p>DVD-RAM, Part 1 (v.1) :  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 17, 21, 119 to 123, 125, 126</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-1, 5, PH5-5 to 9, 11, 12</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,151,721		1	<p><b>DVD-RAM, Part 1 (v.1) :</b>  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.3.8, 2.7.1.2.4, 2.7.1.2.5, 2.7.1.3, 2.7.2.1, 2.7.3.3, 2.7.4.2, 2.8.1.2.4, 2.9.1.2.6, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.3.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.1.3-5, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 25, 35 to 37, 39, 42, 45, 49, 50, 53, 57, 115, 119 to 123, 143</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.3.8, 2.7.1.2.4, 2.7.1.2.5, 2.7.1.3, 2.7.2.1, 2.7.3.3, 2.7.4.2, 2.8.1.2.4, 2.9.1.2.6, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.3.4  <i>Annex:</i> U  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.1.3-5, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2, U.1-1  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, 9, 20 to 22, 24, 27, 33, 36, 37, 40, 48, PH5-1, 5 to 9, 11, 12, 30, PHX-U1, U2</p>
7,154,826		1	<p><b>DVD-RAM, Part 1 (v.2)(5x-Speed):</b>  <i>Secs.:</i> 1.1, 1.3, 2.1.2.2.2, 2.1.2.3.1, 2.1.2.3.2, 2.3.1, 3.1, 3.1.1, 3.1.1.1  <i>Annex:</i> A.1, A.2, A.5, A.6, C.1.4, C.1.6, C.2.1, C.2.3, D.1.4, D.1.6, D.2.1, D.2.3  <i>Figs.:</i> 2.3.1-1, A.5-1, C.1.4-1, C.1.6-1, C.2.1-1, C.2.3-1, D.1.4-1, D.1.6-1, D.2.1-1, D.2.3-1  <i>Tables:</i> 2.1.2.2.7-1, 3.1.1-1  <i>Pages:</i> OS1-1, 3, OS2-2, 7, 8, 10, 15, OS3-1 to 4, 28, OSX-A1, A3, A6, A9 to A12, A36, C3, C5, C7, C9, D5, D7, D9, D11</p> <p><b>DVD-RAM, Part 1 (v.2)(6x-Speed):</b>  <i>Secs.:</i> 1.1, 1.3, 2.1.2.2.2, 2.1.2.3.1, 2.1.2.3.2, 2.3.1, 3.1, 3.1.1, 3.1.1.1  <i>Annex:</i> A.1.4, A.1.6, A.2.1, A.2.3  <i>Figs.:</i> 2.3.1-1, A.1.4-1, A.1.6-1, A.2.1-1, A.2.3-1  <i>Table:</i> 2.1.2.2.7-1  <i>Pages:</i> OS1-1, 3, OS2-2, 7, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
			<p><b>DVD-RAM, Part 1 (v.2) (8x-Speed):</b>  <i>Secs.:</i> 1.1, 1.3, 2.1.2.2.2, 2.1.2.3.1, 2.1.2.3.2, 2.3.1, 3.1, 3.1.1, 3.1.1.1  <i>Annex:</i> A.1.4, A.1.6, A.2.1, A.2.3  <i>Figs.:</i> 2.3.1-1, A.1.4-1, A.1.6-1, A.2.1-1, A.2.3-1  <i>Table:</i> 2.1.2.2.7-1  <i>Pages:</i> OS1-1, 3, OS2-2, 7, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p> <p><b>DVD-RAM, Part 1 (v.2)(12x-Speed):</b>  <i>Secs.:</i> 1.1, 1.3, 2.1.2.2.2, 2.1.2.3.1, 2.1.2.3.2, 2.3.1, 3.1, 3.1.1, 3.1.1.1  <i>Annex:</i> A.1.4, A.1.6, A.2.1, A.2.3  <i>Figs.:</i> 2.3.1-1, A.1.4-1, A.1.6-1, A.2.1-1, A.2.3-1  <i>Table:</i> 2.1.2.2.7-1  <i>Pages:</i> OS1-1, 3, OS2-2, 7, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p> <p><b>DVD-RAM, Part 1 (v.2)(16x-Speed):</b>  <i>Secs.:</i> 1.1, 1.3, 2.1.2.2.2, 2.1.2.3.1, 2.1.2.3.2, 2.3.1, 3.1, 3.1.1, 3.1.1.1  <i>Annex:</i> A.1.4, A.1.6, A.2.1, A.2.3  <i>Figs.:</i> 2.3.1-1, A.1.4-1, A.1.6-1, A.2.1-1, A.2.3-1  <i>Table:</i> 2.1.2.2.7-1  <i>Pages:</i> OS1-1, 3, OS2-2, 7, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p>
7,154,842		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2-2, 17, 21, 119 to 123, 125, 126</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.6  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-5 to 9, 11, 12</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,190,647		6	<p><b>DVD-RAM, Part 1 (v.2)(5x-Speed):</b>  <i>Secs.:</i> 1.1, 1.3, 2.1.2.2.2, 2.1.2.3.1, 2.1.2.3.2, 2.3.1, 3.1, 3.1.1, 3.1.1.1  <i>Annex:</i> A.1, A.2, A.5, A.6, C.1.4, C.1.6, C.2.1, C.2.3, D.1.4, D.1.6, D.2.1, D.2.3  <i>Figs.:</i> 2.3.1-1, A.5-1, C.1.4-1, C.1.6-1, C.2.1-1, C.2.3-1, D.1.4-1, D.1.6-1, D.2.1-1, D.2.3-1  <i>Table:</i> 2.1.2.2.7-1, 3.1.1-1  <i>Pages:</i> OS1-1, 3, OS2-2, 7, 8, 10, 15, OS3-1 to 4, 28, OSX-A1, A3, A6, A9 to A12, A36, C3, C5, C7, C9, D5, D7, D9, D11</p> <p><b>DVD-RAM, Part 1 (v.2)(6x-Speed):</b>  <i>Secs.:</i> 1.1, 1.3, 2.1.2.2.2, 2.1.2.3.1, 2.1.2.3.2, 2.3.1, 3.1, 3.1.1, 3.1.1.1  <i>Annex:</i> A.1.4, A.1.6, A.2.1, A.2.3  <i>Figs.:</i> 2.3.1-1, A.1.4-1, A.1.6-1, A.2.1-1, A.2.3-1  <i>Table:</i> 2.1.2.2.7-1  <i>Pages:</i> OS1-1, 3, OS2-2, 7, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p> <p><b>DVD-RAM, Part 1 (v.2)(8x-Speed):</b>  <i>Secs.:</i> 1.1, 1.3, 2.1.2.2.2, 2.1.2.3.1, 2.1.2.3.2, 2.3.1, 3.1, 3.1.1, 3.1.1.1  <i>Annex:</i> A.1.4, A.1.6, A.2.1, A.2.3  <i>Figs.:</i> 2.3.1-1, A.1.4-1, A.1.6-1, A.2.1-1, A.2.3-1  <i>Table:</i> 2.1.2.2.7-1  <i>Pages:</i> OS1-1, 3, OS2-2, 7, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p> <p><b>DVD-RAM, Part 1 (v.2)(12x-Speed):</b>  <i>Secs.:</i> 1.1, 1.3, 2.1.2.2.2, 2.1.2.3.1, 2.1.2.3.2, 2.3.1, 3.1, 3.1.1, 3.1.1.1  <i>Annex:</i> A.1.4, A.1.6, A.2.1, A.2.3  <i>Figs.:</i> 2.3.1-1, A.1.4-1, A.1.6-1, A.2.1-1, A.2.3-1  <i>Table:</i> 2.1.2.2.7-1  <i>Pages:</i> OS1-1, 3, OS2-2, 7, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p>

**SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS**

HITACHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
			DVD-RAM, Part 1 (v.2)(16x-Speed): <i>Secs.:</i> 1.1, 1.3, 2.1.2.2.2, 2.1.2.3.1, 2.1.2.3.2, 2.3.1, 3.1, 3.1.1, 3.1.1.1 <i>Annex:</i> A.1.4, A.1.6, A.2.1, A.2.3 <i>Figs.:</i> 2.3.1-1, A.1.4-1, A.1.6-1, A.2.1-1, A.2.3-1 <i>Table:</i> 2.1.2.2.7-1 <i>Pages:</i> OS1-1, 3, OS2-2, 7, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

JVC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,014,274	EP 337,702 (DE, FR, GB, NL); HK 1,000,543; KR 59,670	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.11, 5.2.11.2, 5.2.11.6  <i>Figs.:</i> 5.2.11-1, 5.2.11.6-1  <i>Tables:</i> 5.2.11.2-1, 5.2.11.6-1  <i>Pages:</i> PH-128, 129, 131, 133</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.11, 5.2.11.2, 5.2.11.6  <i>Figs.:</i> 5.2.11-1, 5.2.11.6-1  <i>Tables:</i> 5.2.11.2-1, 5.2.11.6-1  <i>Pages:</i> PH5-14, 15, 17, 19</p>
5,617,408	KR 181,707; TW 78,273	3	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 2.5.5, 2.6.4, 5.1.1  <i>Annex:</i> V  <i>Figs.:</i> 2.1-1, 2.6-1  <i>Pages:</i> PH2-1, 14, 17, 19, PH5-1, PHX-V1</p>
5,862,115	EP 655,739 (DE, FR, GB)	4	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.1.1, 5.2.11.2, 5.2.11.6  <i>Figs.:</i> 5.2.11.1-1, 5.2.11.6-1  <i>Table:</i> 5.2.11.6-1  <i>Pages:</i> PH-17, 115, 129, 133</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.1.1, 5.2.11.2, 5.2.11.6  <i>Figs.:</i> 5.2.11.1-1, 5.2.11.6-1  <i>Table:</i> 5.2.11.6-1  <i>Pages:</i> PH2-1, PH5-1, 15, 19</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

MITSUBISHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
4,703,494		21	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.2.11.9, 5.3  <i>Fig.:</i> 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-115, 137, 138, 141-1</p> <p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.2.11.9, 5.3  <i>Fig.:</i> 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH5-1, 23, 24, 27</p>
5,446,723	CA 2,271,543; CN ZL 95101436.6; KR 114,458	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.3.2, 2.3.8, 2.7.1.2.5, 2.7.1.3, 2.7.3.3, 2.7.4.2, 2.8.1.2.3, 2.8.1.2.4, 2.8.1.4, 5.1.1  <i>Annex:</i> L, M  <i>Figs.:</i> 2.1-1, 2.4-1, 2.7.1.3-5, 2.7.1.3-6, 2.7.1.3-8, 2.7.4.2-2, 2.8.2-1  <i>Pages:</i> PH-2-2, 3, 17, 21, 25, 28, 35, 36, 39 to 41, 47, 49, 51 to 55, 115, PHX-19 to 23</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.3.2, 2.3.8, 2.7.1.2.5, 2.7.1.3, 2.7.3.3, 2.7.4.2, 2.8.1.1.2.3, 2.8.1.1.2.4, 2.8.1.3, 5.1.1  <i>Annex:</i> L, M, U  <i>Figs.:</i> 2.1-1, 2.4-1, 2.7.1.3-5, 2.7.1.3-6, 2.7.1.3-8, 2.7.4.2-2, 2.8.2-1  <i>Pages:</i> PH1-3-1, 4, PH2-1, 5, 9, 13, 21, 24 to 26, 33, 36, 38 to 40, 45, 46, PH5-1, PHX-L1, M1 to M3, U1, U2</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

MITSUBISHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,537,652		8	<p><b>DVD-RAM, Part 2 (v.2):</b>  <i>Secs.:</i> 1.1, 2.2, 2.3, 2.5, 2.5.1, 2.6.7, 3.2, 3.4, 3.4.1, 3.6, 3.6.1, 3.6.2, 3.7, 3.7.1, 3.7.2, 3.8, 3.10  <i>Annex:</i> D  <i>Figs.:</i> 2.2-1, 2.3-1, 3.1-1  <i>Tables:</i> 5.1-1, 2.6.7-1, 3.2-1, 3.4.1-1, 3.6.1-1, 3.6.2-1, 3.7.1-1  <i>Pages:</i> FS1-1, FS2-2 to 4, 9, 20, 21, FS3-2 to 4, 8, 9, 11, 14, 15, 18, 19, 21, 30, 31, 33, 34, 42, FSX-D1, D2</p>
5,561,656	KR 184,628	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5.32, 2.3.2, 2.3.3, 2.8.1.3, 2.8.1.3.1, 2.8.1.3.2, 2.8.2(a), 5.1.1  <i>Annex:</i> F  <i>Figs.:</i> 1.5.32-1, 2.4-1, F-1  <i>Pages:</i> PH-1, 3, 9, 21, 28, 53, 54, 115, PHX-9</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.3.3, 2.8.1.2, 2.8.1.2.3, 2.8.2(a), 2.8.3, 5.1.1  <i>Figs.:</i> 1.5-1, 2.4-1, 2.8.3-1  <i>Pages:</i> PH1-1, 4, 11, PH2-5, 13, 40, 40-2, 40-3, 41, 45, 46-2, PH5-1</p>
5,592,452		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.1.3, 5.1.6, 5.2.1.1, 5.2.4, 5.2.11.2, 5.5.5  <i>Figs.:</i> 2.2-1, 2.6-1  <i>Tables:</i> 5.1.4-1, 5.2.11.2-1, 5.5.5-1  <i>Pages:</i> PH-1, 17, 34, 115 to 119, 123, 129, 131, 158, 159</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.1.3, 5.1.6, 5.2.1.1, 5.2.4, 5.2.11.2, 5.5.4, 5.5.5  <i>Figs.:</i> 2.1-1, 2.6-1  <i>Tables:</i> 5.1.4-1, 5.2.11.2-1, 5.5.5-1  <i>Pages:</i> PH1-1, PH2-1, 19, PH5-1 to 5, 9, 15, 17, 43, 46, 47</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

MITSUBISHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,717,683		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.5, 5.1.3, 5.4, 5.5.5  <i>Tables:</i> 5.1.4-1, 5.4-1, 5.5.5-1  <i>Pages:</i> PH-6, 116, 117, 152, 153, 158, 159</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.5, 5.1.3, 5.4, 5.5.5  <i>Tables:</i> 5.1.4-1, 5.4-1, 5.5.5-1  <i>Pages:</i> PH1-7, PH5, 2, 3, 39, 40, 46, 47</p>
5,754,506	DE 19,648,692; GB 2,307,589; HK 1,012,465; KR 202,437; TW 96,181	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.1.3, 5.2.1.1, 5.2.4  <i>Fig:</i> 5.2.1.1-2  <i>Pages:</i> PH-115, 116, 119, 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.1.1, 5.1.3, 5.2.1.1, 5.2.4  <i>Fig:</i> 5.2.1.1-2  <i>Pages:</i> PH5-1, 2, 5, 7, 9</p>
5,859,820		6	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.2.1.1  <i>Fig:</i> 5.2.1.1-2  <i>Pages:</i> PH-115, 119, 121</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.1.1, 5.2.1.1  <i>Fig:</i> 5.2.1.1-2  <i>Pages:</i> PH5-1, 5, 7</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

MITSUBISHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,867,474	DE 19,649,970; DE 19,655,193; GB 2,307,770; HK 1,009,354; TW 97,899	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.3, 5.3  <i>Fig.:</i> 5.2.1.1-1  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-115 to 117, 119, 120, 122, 141</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.3, 5.3  <i>Fig.:</i> 5.2.1.1-1  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH5-1 to 3, 5, 6, 8, 27</p>
5,936,932	DE 19,714,239; GB 2,311,644; HK 1,002,789; KR 263,678; TW 91,842	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 2.6.3, 5.1.1, 5.1.3, 5.1.6, 5.2.1.1, 5.2.4  <i>Fig.:</i> 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-17, 32, 115 to 117 to 119, 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 2.6.3, 5.1.1, 5.1.3, 5.1.6, 5.2.1.1, 5.2.4  <i>Fig.:</i> 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH2-1, 17, PH5-1 to 5, 7, 9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

MITSUBISHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,946,285		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.6.2, 2.6.3, 5.1.1, 5.1.3, 5.2.1.1  <i>Fig.:</i> 5.2.1.1-2  <i>Pages:</i> PH-32, 115, 117, 119, 121</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.6.2, 2.6.3, 5.1.1, 5.1.3, 5.2.1.1  <i>Fig.:</i> 5.2.1.1-2  <i>Pages:</i> PH2-17, PH5-1, 3, 5, 7</p>
5,953,309		6	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.1.3, 5.4  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-115 to 117, 152, 153</p>
6,069,869		2	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.5.5, 2.6.3, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-29, 32, 115 to 117, 119 to 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.5.5, 2.6.3, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH2-14, 17 PH5-1 to 3, 5 to 7, 9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

MITSUBISHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,091,699	DE 19,716,967; GB 2,321,997; HK 1,015,513; TW 93,922	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.3.2, 2.6.1, 2.6.3, 2.7.1.2.4, 2.7.4.2, 5.1.1, 5.1.3, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-21, 32, 35, 49, 115 to 117, 119 to 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.3.2, 2.6.1, 2.6.3, 2.7.1.2.4, 2.7.4.2, 5.1.1, 5.1.3, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH2-5, 17, 20, 36, PH5-1 to 3, 5, 7, 9</p>
6,147,961	DE 19,655,194	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.7.1.2.3, 2.7.1.3, 5.2.1.1, 5.2.3  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-35, 36, 119, 120, 122</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.7.1.2.3, 2.7.1.3, 5.2.1.1, 5.2.3  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH2-20, 21, PH5-5, 6, 8</p>
6,151,292		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.11, 5.2.11.7, 5.5.5  <i>Figs.:</i> 5.2.11-1, 5.2.11.7-1  <i>Pages:</i> PH-128, 134, 158</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs. :</i> 5.2.11, 5.2.11.7, 5.5.5  <i>Figs.:</i> 5.2.11-1, 5.2.11.7-1  <i>Pages:</i> PH5-14, 20, 46</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

MITSUBISHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,163,522		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 2.6.3, 5.1.1, 5.1.3, 5.1.6, 5.2.1.1  <i>Fig.:</i> 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-17, 32, 115 to 119, 121</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 2.6.3, 5.1.1, 5.1.3, 5.1.6, 5.2.1.1  <i>Fig.:</i> 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH2-1, 17, PH5-1 to 5, 7</p>
6,229,784		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.7.1.1, 5.7.1.5, 5.7.1.5.1  <i>Figs.:</i> 5.7.1.1-1, 5.7.1.5-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-172, 174, 175, 177</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.7.1.1, 5.7.1.5, 5.7.1.5.1  <i>Figs.:</i> 5.7.1.1-1, 5.7.1.5-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH5-60, 62, 63, 66</p>

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MITSUBISHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,236,637		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.3.2, 2.5.5, 2.6.1, 2.6.3, 2.7.1.3, 2.7.1.2.3, 2.7.3, 2.7.3.2, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.3, 5.2.4, 5.2.11, 5.3  <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-2, 2.7.1.3-5, 5.2.1.1-1  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-1, 21, 29, 32, 35 to 37, 39, 45, 46, 115 to 117, 119, 120, 122, 123, 128, 141</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.3.2, 2.5.5, 2.6.1, 2.6.3, 2.7.1.3, 2.7.1.2.3, 2.7.3, 2.7.3.2, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.3, 5.2.4, 5.2.11, 5.3  <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-2, 2.7.1.3-5, 5.2.1.1-1  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-1, PH2-1, 5, 14, 20 to 22, 24, 30, 32, PH5-1 to 3, 5, 6, 8, 9, 14, 27</p>
6,275,466		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.6.1, 2.6.3, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.3, 5.2.4, 5.3  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-1, 32, 115 to 117, 119 to 123, 141</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.6.1, 2.6.3, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.3, 5.2.4, 5.3  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-1, PH2-17, PH5-1 to 3, 5 to 9, 27</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

MITSUBISHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,337,845		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.7.1.3, 5.1, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.4  <i>Annex:</i> L  <i>Figs.:</i> 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-2, 5.2.1.2-1  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-1, 36, 39, 41, 115 to 121, 123, PHX-19</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.7.1.3, 5.1, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.4  <i>Annex:</i> L  <i>Figs.:</i> 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-2, 5.2.1.2-1  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-1, PH2-21, 24, 26, PH5-1 to 7, 9, PHX-L1</p>
6,463,021		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.6.1, 5.6.6  <i>Annex:</i> K  <i>Pages:</i> PH1-1, 8, PH5-48, 57, PHX-K1</p>
6,469,978	DE 19,859,529; GB 2,332,555; HK 1,025,178; KR 280,658; TW 125,097	4	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.6.3, 5.1.1, 5.1.2, 5.2.1.1, 5.4, 5.5.1, 5.5.5, 5.7.1.1, 5.7.1.5  <i>Figs.:</i> 5.2.1.1-2, 5.7.1.5-1  <i>Tables:</i> 5.4-1, 5.5.5-1  <i>Pages:</i> PH1-1, 7, 13, 14, PH2-17, PH5-1, 5, 7, 39 to 41, 46, 47, 60, 62</p>
6,493,303		2	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 5.6.1, 5.6.6  <i>Annex:</i> K  <i>Pages:</i> PH1-1, 4, 8, PH5-48, 57, PHX-K1</p>

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MITSUBISHI ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,529,451		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5.9, 1.5.14, 1.5.48, 2.1, 5.1.6, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.5.5, 5.7.1.1, 5.7.1.5, 5.7.1.5.1  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1, 5.7.1.1-1, 5.7.1.5-1  <i>Tables:</i> 5.2.11.2-1, 5.7.1.5.1-1  <i>Pages:</i> PH-1, 3, 7, 17, 118, 128, 129, 131, 134, 158, 172, 174 to 177</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 5.1.6, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.5.5, 5.7.1.1, 5.7.1.5, 5.7.1.5.1  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1, 5.7.1.1-1, 5.7.1.5-1  <i>Tables:</i> 5.2.11.2-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-1, 4, 8, 13, 17, PH2-1, PH5-4, 14, 15, 17, 20, 46, 60, 62, 63, 65, 66</p>
6,621,782	DE 19,936,840; GB 2,340,294	1	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.5, 5.6.1, 5.6.6  <i>Annex:</i> K  <i>Pages:</i> PH1-1, 8, PH5-48, 57, PHX-K1</p>
6,930,965		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5.48, 2.1, 5.1.6, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.7, 5.2.11.9, 5.5.5  <i>Figs.:</i> 5.2.1.1-1, 5.2.11-1, 5.2.11.7-1  <i>Pages:</i> PH-1, 3, 11, 17, 118 to 120, 123, 128, 134, 137, 158</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 5.1.6, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.7, 5.2.11.9, 5.5.5  <i>Figs.:</i> 5.2.1.1-1, 5.2.11-1, 5.2.11.7-1  <i>Pages:</i> PH1-1, 4, 13, PH2-1, PH5-4 to 6, 9, 14, 20, 23, 46</p>

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MITSUBISHI/PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,838,658	CN ZL 97197328.8; EP 908,058 (DE, FR, GB, NL); HK 1,019,532; KR 284,190; MX 203,474; TH 12,858; TW 93,481	1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.1, 1.2, 1.5.32, 1.5.37, 2.1, 2.3.2, 2.3.5, 2.6.9, 2.7.1.2.4, 2.7.1.3, 5.1.1, 5.1.3, 5.1.6, 5.2.1.1, 5.2.2 to 5.2.7, 5.2.11, 5.2.11.9, 5.3, 5.3.5 <i>Figs.:</i> 1.5.32-1, 2.1-1, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2 <i>Table:</i> 5.1.4-1 <i>Pages:</i> PH-1 to 3, 10, 17, 21, 22, 32, 35, 36, 39, 115 to 128, 137, 141-1, 143  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.3.2, 2.3.5, 2.6.9, 2.7.1.2.4, 2.7.1.3, 5.1.1, 5.1.3, 5.1.6, 5.2.1.1, 5.2.2 to 5.2.7, 5.2.11, 5.2.11.9, 5.3, 5.3.5 <i>Figs.:</i> 1.5-1, 2.1-1, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2 <i>Table:</i> 5.1.4-1 <i>Pages:</i> PH1-1, 4, 10, 11, PH2-1, 5, 6, 18, 20, 21, 24, PH5-1 to 14, 23, 27, 30
5,923,640	CN ZL 97197330.X; HK 1,019,948; ID 11,538; KR 305,996; TH 17,417; TW 102,795	8	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.2, 5.1.1, 5.1.5, 5.2.1.1, 5.2.4, 5.7.1.1, 5.7.1.7 <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2, 5.7.1.1-1, 5.7.1.7-1 <i>Pages:</i> PH-3, 115, 118 to 121, 123, 172, 187, 189  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.2, 5.1.1, 5.1.5, 5.2.1.1, 5.2.4, 5.7.1.1, 5.7.1.7 <i>Fig.:</i> 5.2.1.1-1, 5.2.1.1-2, 5.7.1.1-1, 5.7.1.7-1 <i>Pages:</i> PH1-4, PH5-1, 4 to 7, 9, 60, 92

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

MITSUBISHI/PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,933,410	KR 311,189; MX 203,475; TW 93,285	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5.32, 1.5.37, 2.1, 2.3.2, 2.6.9, 5.1.1, 5.1.3, 5.2.1.1, 5.2.2 to 5.2.7, 5.2.11, 5.2.11.9, 5.3, 5.3.5  <i>Figs.:</i> 1.5.32-1, 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-1 to 3, 9, 10, 18, 21, 32, 115 to 117, 119 to 128, 137, 141-1, 143</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.3.2, 2.6.9, 5.1.1, 5.1.3, 5.2.1.1, 5.2.2 to 5.2.7, 5.2.11, 5.2.11.9, 5.3, 5.3.5  <i>Figs.:</i> 1.5-1, 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-1, 4, 10, 11, PH2-1, 5, 17, PH5-1 to 3, 5 to 14, 23, 27</p>
6,396,798	CN ZL 200310113110.0	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.6.9, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.7.1.7  <i>Figs.:</i> 2.1-1, 5.2.1.1-2, 5.7.1.7-1  <i>Pages:</i> PH-1, 3, 17, 32, 115, 116, 118, 121, 187, 189</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.6.9, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.7.1.7  <i>Figs.:</i> 2.1-1, 5.2.1.1-2, 5.7.1.7-1  <i>Pages:</i> PH1-1, 4, PH2-1, 18, PH5-1, 2, 4, 7, 92</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
4,728,929		8	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.11.9, 5.3, 5.3.1, 5.3.2, 5.3.3.1  <i>Fig.:</i> 5.3-2  <i>Tables:</i> 5.2.11.9-1, 5.3.1-1, 5.3.1-2  <i>Pages:</i> PH-137, 138, 141-1, 141-2, 144 to 151</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.11.9, 5.3, 5.3.1, 5.3.2, 5.3.3.1  <i>Fig.:</i> 5.3-2  <i>Tables:</i> 5.2.11.9-1, 5.3.1-1, 5.3.1-2  <i>Pages:</i> PH5-23, 24, 27, 28, 31 to 38</p>
4,939,717	CA 1,285,332; EP 265,971 (DE, FR, GB)	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.3.2, 2.8.1.2.1, 2.8.1.2.4, 2.8.1.2.5, 2.8.1.3.1  <i>Annex:</i> F  <i>Figs.:</i> F-1, F-2  <i>Pages:</i> PH-2, 21, 52, 53, PHX-9, 10</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.3.2, 2.8.1.1.2.1, 2.8.1.1.2.4, 2.8.1.1.2.8, 2.8.1.2, 2.8.1.2.3, 2.8.3  <i>Figs.:</i> 2.8.3-1, 2.8.3-2  <i>Pages:</i> PH1-3-1, PH2-5, 39 to 41, 46-2, 46-3</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,185,792		2	<p>DVD-RAM, Part 2 (v.1):  <i>Secs.:</i> 1.1, 3.6, 3.6.4  <i>Tables:</i> 3.6.4-1, 3.6.4-2  <i>Pages:</i> FS-1, 68, 72</p> <p>DVD-RAM, Part 1 (v.1):  <i>Sec.:</i> 2.3.2  <i>Page:</i> PH-21</p> <p>DVD-RAM, Part 2 (v.2):  <i>Secs.:</i> 1.1, 3.9, 3.9.4  <i>Tables:</i> 3.9.4-1, 3.9.4-2  <i>Pages:</i> FS1-1, FS3-36, 40</p> <p>DVD-RAM, Part 1 (v.2):  <i>Sec.:</i> 2.3.2  <i>Page:</i> PH2-5</p>
5,216,657		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.59, 2.8.1.3, 5.2.1.1, 5.2.8, 5.2.13  <i>Annex:</i> P  <i>Figs.:</i> 5.2.1.1-1, P-1, P-2  <i>Pages:</i> PH-1, 2-2, 13, 53, 119, 120, 127, 139, PHX-29</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.8.1.2.3, 5.2.1.1, 5.2.8, 5.2.13  <i>Annex:</i> P  <i>Figs.:</i> 5.2.1.1-1, P-1, P-2  <i>Pages:</i> PH1-1, 3-2, 15, PH2-40-2, PH5-5, 6, 13, 25, PHX-P1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,276,674		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.5.1, 2.5.2, 2.6.9, 5.1.1, 5.2.11.7, 5.2.11.9  <i>Figs.:</i> 2.1-1, 2.5.1-1, 5.2.11.7-1, 5.2.11.9-1  <i>Pages:</i> PH-3, 17, 29, 30, 32, 115, 134, 137</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.5.1, 2.5.2, 2.6.9, 5.1.1, 5.2.11.7, 5.2.11.9  <i>Figs.:</i> 2.1-1, 2.5.1-1, 5.2.11.7-1, 5.2.11.9-1  <i>Pages:</i> PH1-4, PH2-1, 14, 15, 18, PH5-1, 20, 23</p>
5,331,620		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.11, 5.2.11.9, 5.3, 5.3.1  <i>Figs.:</i> 5.2.11.9-1, 5.7.1.1-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-128, 137, 138, 141-1, 141-2, 172</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.11, 5.2.11.9, 5.3, 5.3.1  <i>Figs.:</i> 5.2.11.9-1, 5.7.1.1-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH5-14, 23, 24, 27, 28, 60</p>

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PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,388,105		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.5.1, 1.5.36, 1.5.42, 2.8.1.2.2, 2.8.1.3, 2.8.1.3.1, 2.8.1.3.2, 5.2.1.1, 5.2.11, 5.2.11.7, 5.2.12, 5.2.13, 5.7.1.5  <i>Annex:</i> F  <i>Fig.:</i> 5.2.1.1-1  <i>Table:</i> 5.4-1  <i>Pages:</i> PH-1, 6, 7, 10, 52 to 54, 116, 119, 120, 128, 134, 135, 139, 153, 174 to 187, PHX-9 to 10</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.5, 2.8.1.1.2.2, 2.8.1.2, 2.8.1.2.3, 2.8.1.2.4, 5.1.3, 5.2.1.1, 5.2.11, 5.2.11.7, 5.2.12, 5.2.13, 5.7.1.5  <i>Annex:</i> Z  <i>Fig.:</i> 5.2.1.1-1  <i>Tables:</i> 5.4-1, Z.2-1  <i>Pages:</i> PH1-1, 7, 11, 12, PH2-39 to 42, 46-2 to 46-4, PH5-2, 5, 6, 14, 20, 21, 25, 40, 62 to 90, PHX-Z2</p>
5,404,357		3	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 2.3.2, 5.4, 5.5.3  <i>Annex:</i> R, R.1, R.1.3, R.1.3.3  <i>Figs.:</i> 5.7.1.1-1, 5.7.2.1-1, R.1-2, R.1.3-1  <i>Tables:</i> 5.4-1, 5.5.3-1  <i>Pages:</i> PH-21, 152, 153, 155, 172, 190, PHX-31 to 33, 42, 43</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 2.3.2, 5.4, 5.5.3  <i>Annex:</i> R, R.1, R.1.3, R.1.3.3  <i>Figs.:</i> 5.7.1.1-1, 5.7.2.1-1, R.1-2, R.1.3-1  <i>Tables:</i> 5.4-1, 5.5.3-1  <i>Pages:</i> PH2-5, PH5-39, 40, 42, 60, 98, PHX-R1 to R3, R6, R7</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,422,874		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.1.1  <i>Fig.:</i> 2.1-1  <i>Pages:</i> PH-17, 115</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.1.1  <i>Fig.:</i> 2.1-1  <i>Pages:</i> PH2-1, 5-1</p>
5,448,551		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 1.5.27, 1.5.37, 1.5.44, 1.5.56, 2.1, 2.6.1, 2.7.2.3, 2.7.2.4, 5.1.1  <i>Pages:</i> PH-1, 3, 9 to 12, 17, 32, 43, 44, 115</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.6.1, 2.7.2.3, 2.7.2.4, 5.1.1  <i>Pages:</i> PH1-1, 4, 10, 11, PH2-1, 17, 28, 29, PH5-1</p>
5,452,284		15	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11  <i>Figs.:</i> 5.2.1.1-1(b), 5.2.1.1-2  <i>Pages:</i> PH-115, 119 to 121, 123, 128</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11  <i>Figs.:</i> 5.2.1.1-1(b), 5.2.1.1-2  <i>Pages:</i> PH5-1, 5 to 7, 9, 14</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,508,995		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.1.1, 5.2.1.1  <i>Annex:</i> K  <i>Figs.:</i> 2.1-1, 5.2.1.1-2  <i>Pages:</i> PH-17, 115, 120, 121, PHX-18</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.1.1, 5.2.1.1  <i>Annex:</i> K  <i>Figs.:</i> 2.1-1, 5.2.1.1-2  <i>Pages:</i> PH2-1, PH5-1, 6, 7, PHX-K1</p>
5,546,427		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.11, 5.2.11.9, 5.3  <i>Fig.:</i> 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-128, 137, 138, 141-1</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.11, 5.2.11.9, 5.3  <i>Fig.:</i> 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH5-14, 23, 24, 27</p>
5,582,891		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.6.9, 5.1.1  <i>Pages:</i> PH-32, 115</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.6.9, 5.1.1  <i>Pages:</i> PH2-18, PH5-1</p>

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PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,616,390		34	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11 <i>Figs.:</i> 5.2.1.1-1(b), 5.2.1.1-2 <i>Pages:</i> PH-115, 119 to 121, 123, 128  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11 <i>Figs.:</i> 5.2.1.1-1(b), 5.2.1.1-2 <i>Pages:</i> PH5-1, 5 to 7, 9, 14
5,623,477 <sup>2</sup>		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.2.11.9, 5.3 <i>Fig.:</i> 5.2.11.9-1 <i>Table:</i> 5.2.11.9-1 <i>Pages:</i> PH-137, 138, 141-1  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.2.11.9, 5.3 <i>Fig.:</i> 5.2.11.9-1 <i>Table:</i> 5.2.11.9-1 <i>Pages:</i> PH5-23, 24, 27
5,715,221	MY 112,041; TH 12,005	1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.5.1, 5.5.3, 5.5.5, 5.6.1, 5.6.3, 5.6.5 <i>Fig.:</i> 5.5.1-1 <i>Tables:</i> 5.5.5-1, 5.6.5-1 <i>Pages:</i> PH-154, 155, 158 to 162, 164 to 166

<sup>2</sup> U.S. Patent 5,623,477 was surrendered in favor of a reissue patent on 23 July 2002.

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PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,724,338		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4 <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2 <i>Pages:</i> PH-115, 119 to 121, 123  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4 <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2 <i>Pages:</i> PH5-1, 5 to 7, 9
5,790,487	EP 686,968 (DE, FR, GB); KR 254,155	1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.1.1, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.6 <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.6-1 <i>Pages:</i> PH-115, 128, 129, 133  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.1.1, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.6 <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.6-1 <i>Pages:</i> PH5-1, 14, 15, 19
5,850,378	CN ZL 01136181.6	6	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.2, 5.1.1, 2.8.1.3, 2.8.1.3.1, 5.7.1.5.1 <i>Annex:</i> F <i>Table:</i> 5.7.1.5.1-1 <i>Pages:</i> PH-3, 53, 115, 175, 181 to 186, PHX-9

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PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,850,382	KR 281,947; MY 113,649; SG 57,026; TW 106,943; VN 1,550	16	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 5.1.1, 5.1.3, 5.2.1.1, 5.2.2, 5.2.4, 5.2.10, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.9, 5.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.11.1-1, 5.2.11.9-1  <i>Tables:</i> 5.2.11.2-1, 5.4-1, 5.2.11.9-1  <i>Pages:</i> PH-115, 116, 119, 120, 122, 123, 127 to 129, 131, 137, 138, 152, 153</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 5.1.1, 5.1.3, 5.2.1.1, 5.2.2, 5.2.4, 5.2.10, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.9, 5.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.11.1-1, 5.2.11.9-1  <i>Tables:</i> 5.2.11.2-1, 5.2.11.9-1, 5.4-1  <i>Pages:</i> PH5-1, 2, 5, 6, 8, 9, 13, 14, 15, 17, 23, 24, 39, 40</p>
5,862,112		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.2, 2.3.2, 2.6.1, 2.7.1.3, 2.7.3, 2.7.4.2, 5.1.1, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-3, 21, 32, 36, 45, 49, 115, 119 to 121, 123</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.2, 2.3.2, 2.6.1, 2.7.1.3, 2.7.3, 2.7.4.2, 5.1.1, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-4, PH2-5, 17, 21, 30, 36, PH5-1, 5 to 7, 9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,872,750		6	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 2.3.2, 2.3.7, 2.3.8, 2.7.1.2.4, 2.7.1.2.5, 2.7.2.1, 2.8.1.2.4, 2.8.1.3, 5.1.1, 5.2.1.1, 5.6.3, 5.6.5, 5.6.7  <i>Annex:</i> L  <i>Fig.:</i> 5.2.1.1-2  <i>Table:</i> 5.6.5-1  <i>Pages:</i> PH-21, 23, 25, 35, 36, 42, 53, 115, 119, 121, 161, 162, 164 to 166, 170, PHX-19</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 2.3.2, 2.3.7, 2.3.8, 2.7.1.2.4, 2.7.1.2.5, 2.7.2.1, 2.8.1.1.2.4, 2.8.1.2, 5.1.1, 5.2.1.1, 5.6.3, 5.6.5, 5.6.7  <i>Annex:</i> L  <i>Fig.:</i> 5.2.1.1-2  <i>Table:</i> 5.6.5-1  <i>Pages:</i> PH2-5, 7, 9, 20, 21, 27, 40, PH5-1, 5, 7, 50, 51, 53, 54, 56, 58, 59, PHX-L1</p>
5,872,767	CN ZL 96190104.7; ID 9,051; IN 186,497; KR 251,018; SG 34,710; TH 13,622; VN 1,893	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 2.6.1, 5.1.1, 5.1.3, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-32, 115, 116, 119 to 121, 123</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 2.6.1, 5.1.1, 5.1.3, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH2-17, PH5-1, 2, 5 to 7, 9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,898,654	SG 53,986	3	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 1.5, 1.5.32, 2.3.2, 2.3.5, 5.1.1, 5.3, 5.4, 5.7.1.1, 5.7.1.3  <i>Figs.:</i> 1.5.32-1, 5.7.1.1-1  <i>Tables:</i> 5.3.1-1, 5.4-1  <i>Pages:</i> PH1-1 to 3, 9, 21, 22, 115, 152, 153, 172, 173</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.3.5, 5.1.1, 5.3, 5.4, 5.7.1.1, 5.7.1.3  <i>Figs.:</i> 1.5-1, 5.7.1.1-1  <i>Tables:</i> 5.3.1-1, 5.4-1  <i>Pages:</i> PH1-1 to 4, 10, 11, PH2-5, 6, PH5-1, 27, 34, 39, 40, 60, 61</p>
6,034,932	MX 215,265; PH 1-1997-58079; SG 64,533	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.8, 5.2.9, 5.2.13, 5.2.15  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-115, 119, 120, 127, 139, 140</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.8, 5.2.9, 5.2.13, 5.2.15  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH5-1, 5, 6, 13, 25, 26</p>
6,052,465	CN ZL 96191826.8; EP 807,929 (DE, FR, GB); EP 1,005,034 (DE, FR, GB)	1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.6.5, 2.6.9, 5.7.1.1, 5.7.1.5, 5.7.1.5.1, 5.7.1.1  <i>Annex:</i> V, V.2, V.3  <i>Figs.:</i> 5.7.1.1-1, V.2-1  <i>Tables:</i> 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH2-17, 18, PH5-40, 60, 62, 63, 68, PHX-V1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,078,559	EP 936,601 (DE, FR, GB); PH 58,262	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.11, 5.7.1.7  <i>Figs.:</i> 5.2.1.1-1, 5.2.11-1, 5.7.1.1-1, 5.7.1.7-1  <i>Page:</i> PH-17, 116, 119, 120, 128, 172, 187, 189</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.11, 5.7.1.7  <i>Figs.:</i> 5.2.1.1-1, 5.2.11-1, 5.7.1.1-1, 5.7.1.7-1  <i>Page:</i> PH2-1, PH5-2, 5, 6, 14, 60, 92</p>
6,097,683		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.3.2, 3.3.10, 3.4.10, 5.7.1.5.1  <i>Annex:</i> Q, R, R.1, R.1.2, R.1.6  <i>Figs.:</i> 3.1-1, 3.1-3, 3.3-4, 3.4-4  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-1, 21, 62, 63-2, 71, 78, 91, 98, 175, 179, PHX-30, 31, 34</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.3.2, 3.3.10, 3.4.10, 5.7.1.5.1  <i>Annex:</i> Q, R, R.1, R.1.2, R.1.6  <i>Figs.:</i> 3.1-1, 3.1-2, 3.3-4, 3.4-4  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-1, PH2-21, PH3-2, 3, 11, 18, 31, 38, PH5-63, 68, PHX-Q1, R1, R4</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,097,694	TW 169,006	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.9, 5.2.13  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-1, 116, 119, 120, 122, 127, 139</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.9, 5.2.13  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH1-1, PH5-2, 5, 6, 8, 13, 25</p>
6,128,269	MY 116,984	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.8, 5.2.9, 5.2.13, 5.2.15  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-115, 119, 120, 127, 139, 140</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.8, 5.2.9, 5.2.13, 5.2.15  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH5-1, 5, 6, 13, 25, 26</p>
6,128,388		1	<p>DVD-RAM, Part 1 (v.2):  <i>Sec.:</i> 5.7.1.2  <i>Annex:</i> V.2, V.3, V.4  <i>Pages:</i> PH5-61, PHX-V1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,130,867		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.</i> : 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.8, 5.2.9, 5.2.13, 5.2.14, 5.2.15  <i>Fig.</i>: 5.2.1.1-1  <i>Pages</i>: PH-115, 119, 120, 127, 139, 140</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.</i>: 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.8, 5.2.9, 5.2.13, 5.2.14, 5.2.15  <i>Fig.</i>: 5.2.1.1-1  <i>Pages</i>: PH5-1, 5, 6, 13, 25, 26</p>
6,137,768	CN ZL 97199116.2; EP 934,588 (DE, FR, GB); MX 215,268; PH 1-1997-58302; TW 148,130	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.</i>: 5.1.1, 5.1.3, 5.2.1.1  <i>Figs.</i>: 5.2.1.1-1, 5.2.1.1-2  <i>Table</i>: 5.1.4-1  <i>Pages</i>: PH-115 to 117, 119 to 121</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.</i>: 5.1.1, 5.1.3, 5.2.1.1  <i>Figs.</i>: 5.2.1.1-1, 5.2.1.1-2  <i>Table</i>: 5.1.4-1  <i>Pages</i>: PH5-1 to 3, 5 to 7</p>
6,144,742		1	<p>DVD-RAM, Part 1 (v.2):  <i>Sec.</i>: 2.6.4  <i>Annex.</i> V.1 to V.3, V.5.2, V.7  <i>Figs.</i>: V.2-1, V.5-1  <i>Table</i>: 5.4-1  <i>Pages</i>: PH2-17, PH5-40, PHX-V1 to V4</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,157,608		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 5.1.1, 5.1.3, 5.2.1.1, 5.2.2, 5.2.8, 5.2.9, 5.2.13, 5.2.15  <i>Annex:</i> P  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-1, 115, 116, 119, 120, 122, 127, 139, 140, PHX-29</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 5.1.1, 5.1.3, 5.2.1.1, 5.2.2, 5.2.8, 5.2.9, 5.2.13, 5.2.15  <i>Annex:</i> P  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH1-1, PH5-1, 2, 5, 6, 8, 13, 25, 26, PHX-P1</p>
6,157,609	TW 141,982	1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.8.1.2, 2.8.1.2.3, 2.8.1.2.5, 2.8.1.2.6, 2.8.3, 5.1.1, 5.2.1.1, 5.7.1.1, 5.7.1.5, 5.7.1.5.1, , 5.7.1.11, 5.7.1.11.3  <i>Figs.:</i> 2.8.3-1, 5.7.1.1-1, 5.7.1.5-1, 5.7.1.11-1, 5.7.1.11.3-1  <i>Tables:</i> 2.8.1.2.5-1, 5.7.1.5.1-1, 5.7.1.11.3-1  <i>Pages:</i> PH1-1, 10, 13, PH2-40, 40-2, 40-3, 41, 43, 44, 46-2, PH5-1, 5, 60, 62, 63, 69, 72 to 90, 93, 94, 95 to 97</p>
6,160,770		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 5.4, 5.7.1.1, 5.7.1.5, 5.7.1.5.1  <i>Fig.:</i> 5.7.1.1-1  <i>Tables:</i> 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH-1, 152, 153, 172, 174, 175, 179</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 5.4, 5.7.1.1, 5.7.1.5, 5.7.1.5.1  <i>Annex:</i> R, R.1.2, R.1.6  <i>Fig.:</i> 5.7.1.1-1  <i>Tables:</i> 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-1, PH5-39, 40, 60, 62, 63, 68, PHX-R1, R4</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,160,778		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 5.1.3, 5.4, 5.5.1, 5.5.3, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.5, 5.7.1.12, 5.7.2.2 <i>Fig.:</i> 5.5.1-1 <i>Tables:</i> 5.1.4-1, 5.4-1, 5.5.3-1 <i>Pages:</i> PH1-1, PH5-2, 3, 39 to 42, 46, 48, 50, 51, 55, 56, 97-2, 98
6,160,888		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 2.6.9, 5.1.1, 5.7.1.1, 5.7.1.5, 5.7.1.5.1 <i>Annex:</i> V.2, V.3 <i>Figs.:</i> 2.1-1, 5.7.1.1-1, V.2-1 <i>Tables:</i> 5.4.1-1, 5.7.1.5.1-1 <i>Pages:</i> PH1-1, PH2-1, 18, PH5-1, 40, 60, 62, 63, 68, PHX-V1
6,163,521	ID 8,290; MY 126,564; PH 1-1998-00863; TW 105,887	7	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.1, 5.1.1, 5.1.3, 5.1.5, 5.4 <i>Tables:</i> 5.1.4-1, 5.4-1 <i>Pages:</i> PH-1, 115 to 118, 152, 153  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 5.1.1, 5.1.3, 5.1.5, 5.4 <i>Tables:</i> 5.1.4-1, 5.4-1 <i>Pages:</i> PH1-1, PH5-1 to 4, 39, 40
6,167,022	EP 973,157 (DE, FR, GB); SG 65,140	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.4, 5.7.1.1, 5.7.1.7, 5.7.1.8 <i>Figs.:</i> 5.7.1.1-1, 5.7.1.7-1 <i>Table:</i> 5.4-1 <i>Pages:</i> PH5-1, 5, 39, 40, 60, 92, 93

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,172,960		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.4 <i>Fig.:</i> 5.2.1.1-2(b) <i>Pages:</i> PH-1, 32, 115, 119, 121, 123  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.4 <i>Fig.:</i> 5.2.1.1-2(b) <i>Pages:</i> PH1-1, PH2-17, PH5-1, 5, 7, 9
6,172,962	EP 961,272 (DE, FR, GB, IT)	1	DVD-RAM, Part 1 (v.2): <i>Annex:</i> Y.1.1.1, Y.1.3.14, Y.1.4.14, Y.1.5.2, Y.1.6.2 <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-1, Y.1.3-10, Y.1.4-1, Y.1.4-10 <i>Pages:</i> PHX-Y1 to Y3, Y16, Y17, Y19, Y28, Y40, Y41, Y43, Y52, Y54, Y55
6,175,541		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.8.1.2, 2.8.1.2.3, 2.8.1.2.5, 2.8.1.2.6, 5.1.1, 5.2.1.1, 5.7.1.1, 5.7.1.5, 5.7.1.5.1 <i>Figs.:</i> 2.8.3-1, 5.7.1.1-1, 5.7.1.5-1 <i>Tables:</i> 2.8.1.2.5-1, 5.7.1.5.1-1 <i>Pages:</i> PH1-1, 10, 13, PH2-40, 40-2, 40-3, 41, 43, 44, PH5-1, 5, 60, 62, 63, 69, 72 to 90
6,175,629		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 2.6.9, 5.1.1, 5.2.11, 5.2.11.2, 5.7.1.1, 5.7.1.5, 5.7.1.5.1 <i>Annex:</i> V.2, V.3 <i>Figs.:</i> 2.1-1, 5.2.11.1-1, 5.7.1.1-1, V.2-1 <i>Tables:</i> 5.4.1-1, 5.2.11.2-1, 5.7.1.5.1-1 <i>Pages:</i> PH1-1, PH2-1, 18, PH5-1, 14 to 17, 40, 60, 62, 63, 68, PHX-V1

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,178,148		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.6.3, 2.8.1.2.3, 2.8.1.2.5, 2.8.1.2.6, 2.8.3, 5.1.1, 5.2.1.1, 5.5.5, 5.7.1.1.1, 5.7.1.5, 5.7.1.5.1 <i>Figs.:</i> 2.8.3-1, 5.7.1.1-1, 5.7.1.5-1 <i>Tables:</i> 2.8.1.2.5-1, 5.7.1.5.1-1 <i>Pages:</i> PH1-1, 7, 10, 13, 14, PH2-17, 40-2, 40-3, 43, 44, 46-2, PH5-1, 5, 46, 63, 64, 69-2, 73, 75 to 90
6,181,654		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.6.3, 2.8.1.2.3, 2.8.1.2.5, 2.8.1.2.6, 2.8.3, 5.1.1, 5.2.1.1, 5.5.5, 5.7.1.1.1, 5.7.1.5, 5.7.1.5.1 <i>Figs.:</i> 2.8.3-1, 5.7.1.1-1, 5.7.1.5-1 <i>Tables:</i> 2.8.1.2.5-1, 5.7.1.5.1-1 <i>Pages:</i> PH1-1, 7, 10, 13, 14, PH2-17, 40-2, 40-3, 43, 44, 46-2, PH5-1, 5, 46, 63, 64, 69-2, 73, 75 to 90
6,188,656		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.6.3, 2.8.1.2, 2.8.1.2.3, 2.8.1.2.5, 2.8.1.2.6, 5.1.1, 5.2.1.1, 5.7.1.1.1, 5.7.1.5, 5.7.1.5.1 <i>Figs.:</i> 2.8.3-1, 5.7.1.1-1, 5.7.1.5-1 <i>Tables:</i> 2.8.1.2.5-1, 5.7.1.5.1-1 <i>Pages:</i> PH1-1, 7, 10, 13, 14, PH2-17, 40, 40-2, 40-3, 41, 43, 44, 46-2, PH5-1, 5, 60, 62 to 64, 69, 72 to 83
6,189,118	TW 144,944	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.4, 5.5.3, 5.5.4, 5.5.5, 5.6.1, 5.6.2 <i>Annex:</i> R.3, R.3.1 <i>Figs.:</i> 5.6.2-1, R.3.1-1(a) <i>Tables:</i> 5.4-1, 5.5.4-1, 5.5.5-1 <i>Pages:</i> PH1-1, 13, PH5-4, 39, 40, 42, 43, 45, 46, 48, 49, PHX-R13

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PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,208,603	CN ZL 97193686.2; EP 880,129 (DE, FR, GB); EP 1,022,739 (DE, FR, GB); HK 1,011,575; KR 318,359; MX 227,086; VN 2,734	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.2 to 5.2.4, 5.3, 5.3.5  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH-1,17, 29, 32, 115, 116, 119, 120, 122, 123, 141-1, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.2 to 5.2.4, 5.3, 5.3.5  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH1-1, 2-1, 14, 17, PH5-1, 2, 5, 6, 8, 9, 27, 30</p>
6,212,142		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.6.3, 2.8.1.2, 2.8.1.2.3, 2.8.1.2.5, 2.8.1.2.6, 5.1.1, 5.2.1.1, 5.7.1.1, 5.7.1.5, 5.7.1.5.1  <i>Figs.:</i> 2.8.3-1, 5.7.1.1-1, 5.7.1.5-1  <i>Tables:</i> 2.8.1.2.5-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-1, 7, 10, 13, 14, PH2-17, 40, 40-2, 40-3, 41, 43, 44, 46-2, PH5-1, 5, 60, 62 to 64, 69, 73, 75 to 90</p>
6,215,761	EP 961,274 (DE, FR, GB, IT)	1	<p>DVD-RAM, Part 1 (v.2):  <i>Annex:</i> 1.1, Y.1.3.8, Y.1.3.14, Y.1.4.8, Y.1.4.14, Y.1.5.2, Y.1.6.2  <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-1, Y.1.3-10, Y.1.4-1, Y.1.4-10  <i>Pages:</i> PHX-Y1 to Y3, Y10, Y11, Y16, Y17, Y19, Y28, Y34, Y35, Y40, Y41, Y43, Y52, Y54, Y55</p>
6,223,310		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.4, 5.5.2, 5.5.3, 5.5.4, 5.5.5, 5.6.1, 5.6.2  <i>Annex:</i> R.3, R.3.1, R.3.2  <i>Figs.:</i> 5.6.2-1, R.3.1-1, R.3.2-1  <i>Tables:</i> 5.4-1, 5.5.4-1  <i>Pages:</i> PH1-1, 13, PH5-4, 39 to 43, 46, 48, 49, PHX-R13, R14</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,249,888		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.4, 5.5.3, 5.5.4, 5.5.5, 5.6.1, 5.6.2, 5.6.4  <i>Annex:</i> R.3, R.3.1, R.3.2  <i>Figs.:</i> 5.6.2-1, R.3.1-1, R.3.2-1  <i>Tables:</i> 5.4-1, 5.5.4-1, 5.5.5-1, 5.6.4-1  <i>Pages:</i> PH1-1, 13, PH5-4, 39, 40, 42, 43, 46, 48, 49, 52, PHX-R13, R14</p>
6,266,307	EP 1,022,737 (DE, FR, GB)	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.11, 5.2.12, 5.3  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.3-1  <i>Tables:</i> 5.3.1-1, 5.3.1-2  <i>Pages:</i> PH-1, 17, 29, 32, 115, 116, 119, 120, 128, 139, 141-1, 141-2, 144 to 151</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.11, 5.2.12, 5.3  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.3-1  <i>Tables:</i> 5.3.1-1, 5.3.1-2  <i>Pages:</i> PH1-1, PH2-1, 14, 17, PH5-1, 2, 5, 6, 14, 25, 27, 28, 31 to 38</p>
6,266,309	EP 1,022,736 (DE, FR, GB)	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.4, 5.2.6, 5.3.5  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH-1, 17, 29, 32, 115, 116, 119, 120, 123, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.4, 5.2.6, 5.3.5  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH1-1, PH2-1, 14, 17, PH5-1, 2, 5, 6, 9, 11, 12, 30</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,269,068	EP 1,022,740 (DE, FR, GB)	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.2, 5.2.4, 5.2.6, 5.3.5  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH-1, 17, 29, 32, 115, 116, 119, 120, 122, 123, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.2, 5.2.4, 5.2.6, 5.3.5  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH1-1, PH2-1, 14, 17, PH5-1, 2, 5, 6, 8, 9, 11, 12, 30</p>
6,269,069	EP 1,022,738 (DE, FR, GB)	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.4, 5.2.6, 5.3.5  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH-1, 17, 29, 32, 115, 116, 119, 120, 123, 125, 126, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.4, 5.2.6, 5.3.5  <i>Figs.:</i> 2.1-1, 5.2.1.1-1  <i>Pages:</i> PH1-1, PH2-1, 14, 17, PH5-1, 2, 5, 6, 9, 11, 12, 30</p>
6,282,365	EP 1,096,490 (DE, FR, GB)	1	<p>DVD-RAM, Part 2 (v.2):  <i>Secs.:</i> 1.1, 2.2, 3.1, 3.6.1, 3.6.3, 3.7.1, 3.8.2, 3.10, 3.10.2  <i>Annex:</i> B.3.1, C.3  <i>Figs.:</i> 2.2-1, C.3-1(c)  <i>Tables:</i> 3.6.3-2, 3.7.1-1, 3.10.2-1, 3.10.2-2  <i>Pages:</i> FS1-1, FS2-2, FS3-2, 15, 23, 24, 31, 32, 35, 42, 44, FSX-B6, C5, C6</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.5, 5.4, 5.6.1, 5.6.3  <i>Annex:</i> R.4.1, R.4.2  <i>Pages:</i> PH1-8, PH5-39, 48, 50, 51, PHX-R17</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,288,999		1	<p>DVD-RAM, Part 1 (v.2):  <i>Annex:</i> Y.1.1.1, Y.1.3.14, Y.1.4.14, Y.1.5.2, Y.1.6.2, Y.3  <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-1, Y.1.3-10, Y.1.3-11, Y.1.4-1, Y.1.4-10, Y.1.4-11, Y.3-1, Y.3-2  <i>Pages:</i> PHX-Y1 to Y3, Y16, Y18, Y19, Y28, Y29, Y40, Y43, Y52 to Y55, Y61</p>
6,292,445		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 5.1.3, 5.4, 5.5.1, 5.5.3, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.5, 5.7.1.12, 5.7.2.2  <i>Annex:</i> R.4, R.4.1, R.4.2  <i>Fig.:</i> 5.5.1-1  <i>Tables:</i> 5.1.4-1, 5.5.3-1  <i>Pages:</i> PH1-1, PH5-2, 3, 39 to 42, 46, 48, 50, 51, 56, 97, 98, PHX-R17</p>
6,292,625	EP 1,031,979 (DE, FR, GB)	1	<p>DVD-RAM, Part 2 (v.2):  <i>Secs.:</i> 1.1, 2.2, 3.1, 3.6.1, 3.6.3, 3.7.1, 3.8.2, 3.10, 3.10.2  <i>Annex:</i> B.3.1, C.3  <i>Figs.:</i> 2.2-1, C.3-1(c)  <i>Tables:</i> 3.6.3-2, 3.7.1-1, 3.10.2-1, 3.10.2-2  <i>Pages:</i> FS1-1, FS2-2, FS3-2, 15, 23, 24, 31, 32, 35, 42, 44, FSX-B6, C5, C6</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.5, 5.4, 5.6.1, 5.6.3  <i>Annex:</i> R.4.1, R.4.2  <i>Pages:</i> PH1-8, PH5-39, 48, 50, 51, PHX-R17</p>
6,295,257		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 5.1.3, 5.4, 5.5.2, 5.5.3, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.5, 5.6.8, 5.7.1.12, 5.7.2.2  <i>Fig.:</i> 5.5.1-1  <i>Tables:</i> 5.1.4-1, 5.4-1, 5.5.3-1  <i>Pages:</i> PH1-1, PH5-2, 3, 39 to 42, 46, 48, 50, 56, 59, 97, 98</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,301,220		17	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 5.1.1, 5.1.3, 5.2.11, 5.2.11.7, 5.2.11.8, 5.2.11.9, 5.5.1, 5.5.5, 5.6.1, 5.6.3  <i>Figs.:</i> 5.2.11-1, 5.2.11.7-1, 5.2.11.8-1, 5.2.11.9-1, 5.5.1-1, 5.6.3-1  <i>Tables:</i> 5.1.4-1, 5.5.5-1  <i>Pages:</i> PH1-1, 3, 115 to 117, 128, 134, 136, 137, 154, 158 to 162, PHX-18</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 5.1.1, 5.1.3, 5.2.11, 5.2.11.7, 5.2.11.8, 5.2.11.9, 5.5.1, 5.5.5, 5.6.1, 5.6.3  <i>Figs.:</i> 5.2.11-1, 5.2.11.7-1, 5.2.11.8-1, 5.2.11.9-1, 5.5.1-1, 5.6.3-1  <i>Tables:</i> 5.1.4-1, 5.5.5-1  <i>Pages:</i> PH1-1, 3, PH5-1 to 3, 14, 20, 22, 23, 41, 46 to 48, 50, 51</p>
6,304,534		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 5.1.3, 5.4, 5.5.1, 5.5.3, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.5, 5.7.1.12, 5.7.2.2  <i>Annex:</i> R.4, R.4.1, R.4.2  <i>Fig.:</i> 5.5.1-1  <i>Tables:</i> 5.1.4-1, 5.5.3-1  <i>Pages:</i> PH1-1, PH5-2, 3, 39 to 42, 46, 48, 50, 51, 53, 56, 97, 98, PHX-R17</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,314,235		1	<p><b>DVD-RAM, Part 2 (v.2):</b>  <i>Secs.:</i> 1.1, 2.2, 3.1, 3.6.1, 3.6.3, 3.7.1, 3.8.2, 3.10, 3.10.2  <i>Annex:</i> B.3.1, C.3  <i>Figs.:</i> 2.2-1, C.3-1(c)  <i>Tables:</i> 3.6.3-2, 3.7.1-1, 3.10.2-1, 3.10.2-2  <i>Pages:</i> FS1-1, FS2-2, FS3-2, 15, 23, 24, 31, 32, 35, 42, 44, FSX-B6, C5, C6</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.5, 5.4, 5.6.1, 5.6.3  <i>Annex:</i> R.4.1, R.4.2  <i>Pages:</i> PH1-8, PH5-39, 48, 50, 51, PHX-R17</p>
6,317,397		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.5.48, 5.1.1, 5.2.1.1, 5.2.11, 5.2.11.9, 5.2.12, 5.3.1  <i>Figs.:</i> 5.2.1.1-1, 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-1, 11, 115, 119, 120, 128, 137 to 139, 141-2</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.5, 5.1.1, 5.2.1.1, 5.2.11, 5.2.11.9, 5.2.12, 5.3.1  <i>Figs.:</i> 5.2.1.1-1, 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH1-1, 13, PH5-1, 5, 6, 14, 23 to 25, 28</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,317,407	EP 1,006,515 (DE, FR, GB)	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 2.6.4, 2.6.5, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.11, 5.7.1.7  <i>Figs.:</i> 2.6-1, 5.2.1.1-1, 5.2.1.2-1, 5.2.11-1, 5.7.1.7-1  <i>Pages:</i> PH-17, 32, 34, 116, 119 to 121, 128, 187, 189</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 2.6.4, 2.6.5, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.11, 5.7.1.7  <i>Figs.:</i> 2.6-1, 5.2.1.1-1, 5.2.1.2-1, 5.2.11-1, 5.7.1.7-1  <i>Pages:</i> PH2-1, 17, 19, PH5-2, 5 to 7, 14, 92</p>
6,336,196		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.4, 5.5.3, 5.5.4, 5.5.5, 5.6.1, 5.6.2  <i>Annex:</i> R.3, R.3.1, R.3.2  <i>Figs.:</i> 5.6.2-1, R.3.1-1, R.3.2-1  <i>Tables:</i> 5.4-1, 5.5.4-1, 5.5.5-1  <i>Pages:</i> PH1-1, 13, PH5-4, 39, 40, 42, 43, 46, 48, 49, PHX-R13, R14</p>
6,336,197		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.4, 5.5.2, 5.5.3, 5.5.4, 5.5.5, 5.6.1, 5.6.2  <i>Annex:</i> R.3, R.3.1, R.3.2  <i>Figs.:</i> 5.6.2-1, R.3.1-1, R.3.2-1  <i>Tables:</i> 5.4-1, 5.5.4-1, 5.5.5-1  <i>Pages:</i> PH1-1, 13, PH5-4, 39 to 43, 46, 48, 49, PHX-R13, R14</p>
6,338,153		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.4, 5.5.2, 5.5.3, 5.5.4, 5.5.5, 5.6.1, 5.6.2  <i>Annex:</i> R.3, R.3.1, R.3.2  <i>Figs.:</i> 5.6.2-1, R.3.1-1(a), R.3.2-1  <i>Tables:</i> 5.4-1, 5.5.4-1, 5.5.5-1  <i>Pages:</i> PH1-1, 13, PH5-4, 39 to 43, 46, 48, 49, PHX-R13, R14</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,349,081		1	<p>DVD-RAM, Part 1 (v.2):</p> <p><i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.6.1, 2.8.1.2.3, 2.8.1.2.6, 2.8.2, 2.8.3, 5.1.1, 5.4, 5.7.1.1, 5.7.1.5, 5.7.1.5.1.2, 5.7.1.10</p> <p><i>Figs.:</i> 2.1-1, 2.8.3-1, 5.7.1.1-1</p> <p><i>Table:</i> 5.4-1</p> <p><i>Pages:</i> PH1-1, 4, 10, 13, 14, PH2-1, 17, 40-2, 40-3, 41, 44, 45, 46-2, PH5-1, 39, 40, 60, 62, 69-2, 72 to 90, 93</p>
6,351,450	CA 2,269,120	1	<p>DVD-RAM, Part 1 (v.2):</p> <p><i>Annex:</i> Y.1.1, Y.1.3.14, Y.1.4.14, Y.1.5.2, Y.1.6.2, Y.3</p> <p><i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-1, Y.1.3-10, Y.1.3-11, Y.1.4-1, Y.1.4-10, Y.1.4-11, Y.3-1</p> <p><i>Pages:</i> PHX-Y1 to Y3, Y16, Y19, Y28, Y29, Y40, Y43, Y52 to Y55, Y61</p>
6,359,846		1	<p>DVD-RAM, Part 1 (v.2):</p> <p><i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.6.1, 2.8.1.2.3 to 2.8.1.2.5, 2.8.3, 5.1.1, 5.4, 5.7.1.1, 5.7.1.5, 5.7.1.5.1.2, 5.7.1.5.1.3</p> <p><i>Annex:</i> AA, BB.2.1 to BB.2.4</p> <p><i>Figs.:</i> 2.1-1, 2.8.3-1, 5.7.1.1-1</p> <p><i>Tables:</i> 2.8.1.2.5-1, 5.4-1</p> <p><i>Pages:</i> PH1-1, 4, 10, 13, 14, PH2-1, 17, 40-2 to 44, 46-2, PH5-1, 39, 40, 60, 62, 69-2, 70 to 91, PHX-AA1 to AA5, BB7 to BB9</p>
6,373,815	EP 973,156 (DE, FR, GB)	1	<p>DVD-RAM, Part 1 (v.1):</p> <p><i>Secs.:</i> 1.5.16, 2.6.3, 2.7.1.3, 2.9.1.2.3, 5.1.1, 5.1.3, 5.2.1.1</p> <p><i>Figs.:</i> 2.7.1.3-1, 5.2.1.1-1(a), 5.2.1.1-2</p> <p><i>Pages:</i> PH-7, 32, 37, 56, 115, 116, 119 to 121</p> <p>DVD-RAM, Part 1 (v.2):</p> <p><i>Secs.:</i> 1.5, 2.7.1.3, 2.6.3, 2.9.1.2.3, 5.1.1, 5.1.3, 5.2.1.1</p> <p><i>Figs.:</i> 2.7.1.3-1, 5.2.1.1-1(a), 5.2.1.1-2</p> <p><i>Pages:</i> PH1-8, PH2-17, 22, 47, PH5-1, 2, 5 to 7</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,392,987		1	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Annex:</i> Y.1.1.1, Y.1.3.14, Y.1.4.14, Y.1.5.2, Y.1.6.2, Y.3  <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-1, Y.1.3-10, Y.1.3-11, Y.1.4-1, Y.1.4-10, Y.1.4-11, Y.3-1, Y.3-2  <i>Pages:</i> PHX-Y1 to Y3, Y16, Y18, Y19, Y28, Y29, Y40, Y42, Y43, Y52 to Y55, Y61</p>
6,411,597		1	<p><b>DVD-RAM Part 1 (v.2):</b>  <i>Annex:</i> Y.1.1.1, Y.1.1.2, Y.1.1.3, Y.1.1.4, Y.1.3.14, Y.1.4.14  <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-10, Y.1.3-11, Y.1.4-10, Y.1.4-11, Y.3-2  <i>Pages:</i> PHX-Y1 to Y3, Y16 to Y18, Y28, Y29, Y40 to Y42, Y52, Y53, Y61</p>
6,418,111		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 2.1, 2.6.4, 2.6.5, 5.1.1, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.11, 5.7.1.7  <i>Figs.:</i> 2.6-1, 5.2.1.1-1, 5.2.1.2-1, 5.2.11-1, 5.7.1.7-1  <i>Pages:</i> PH-17, 32, 34, 115, 116, 119 to 121, 128, 187, 189</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 2.1, 2.6.4, 2.6.5, 5.1.1, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.11, 5.7.1.7  <i>Figs.:</i> 2.6-1, 5.2.1.1-1, 5.2.1.2-1, 5.2.11-1, 5.7.1.7-1  <i>Pages:</i> PH2-1, 17, 19, PH5-1, 2, 5 to 7, 14, 92</p>
6,430,129		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 3.1, 3.1.2, 3.4.9, 5.4, 5.5.1, 5.7.1.5.1  <i>Figs.:</i> 3.1-2, 5.5.1-1  <i>Tables:</i> 3.4.9-1, 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH-1, 61, 63, 90, 152 to 154, 175, 179</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 3.1, 3.1.2, 3.4.9, 5.4, 5.5.1, 5.7.1.5.1  <i>Figs.:</i> 3.1-2, 5.5.1-1  <i>Tables:</i> 3.4.9-1, 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-1, 2, PH3-1, 3, 30, PH5-39 to 41, 63, 68</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,438,096		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4  <i>Fig.:</i> 5.2.1.1-2(b)  <i>Pages:</i> PH-1, 32, 115, 119, 121 to 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4  <i>Fig.:</i> 5.2.1.1-2(b)  <i>Pages:</i> PH1-1, PH2-17, PH5-1, 5, 7 to 9</p>
6,456,585		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4  <i>Fig.:</i> 5.2.1.1-2(b)  <i>Pages:</i> PH-1, 32, 115, 119, 121 to 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4  <i>Fig.:</i> 5.2.1.1-2(b)  <i>Pages:</i> PH1-1, PH2-17, PH5-1, 5, 7 to 9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,463,027	EP 828,249 (DE, FR, GB); HK 1,005,273; ID 9,637; MX 206,872; TW 104,567	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.4.7, 3, 3.1, 3.1.1, 3.3.1, 3.3.2, 3.3.3, 3.3.5, 3.3.11, 3.3.12, 3.3.13, 3.4.11, 3.4.12, 3.4.13, 3.8.5, 4.2  <i>Figs.:</i> 3.1-1, 3.1-2, 3.3-3, 3.3-5, 3.3-6, 3.3-7, 3.3-8, 3.4-5, 3.4-6, 3.4-7, 3.4-8, 4.2-1.  <i>Pages:</i> PH-1, 27-1, 61 to 63, 65 to 67, 71 to 73, 75 to 77, 79 to 82, 91 to 93, 99 to 102, 108, 111, 112</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 3, 3.1, 3.3.11, 3.3.12, 3.3.13, 3.4.11, 3.4.12, 3.4.13, 3.6.5, 4.2  <i>Annex:</i> Y.1, Y.1.1, Y.1.3.9 to Y.1.3.11, Y.1.4.9 to Y.1.4.11, Y.1.7.5  <i>Figs.:</i> 3.1-1, 3.1-2, 3.3-5 to 3.3-8, 3.4-5 to 3.4-8, 4.2-1, Y.1.1-1, Y.1.1-2, Y.1.3-5 to Y.1.3-7, Y.1.4-5 to Y.1.4-7  <i>Pages:</i> PH1-1 to 3-1, PH2-11, PH3-1 to 3, 7, 11 to 13, 17, 19 to 22, 31 to 33, 39 to 42, 46, PH4-3, 4, PHX-Y1 to Y3, Y11 to Y14, Y22 to Y25, Y35 to Y39, Y47, Y48, Y56</p>
6,463,029		1	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Annex:</i> Y.1.1.1 to Y.1.1.4, Y.1.3.14, Y.1.4.14  <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-10, Y.1.3-11, Y.1.4-10, Y.1.4-11, Y.3-1  <i>Pages:</i> PHX-Y1 to Y3, Y16, Y18, Y28, Y29, Y40, Y42, Y52, Y53, Y61</p>
6,469,980		3	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.4, 5.2.6  <i>Fig.:</i> 5.2.1.1-2(b)  <i>Pages:</i> PH-1, 32, 115, 119, 121, 123, 126</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.1.2, 5.2.4, 5.2.6  <i>Fig.:</i> 5.2.1.1-2(b)  <i>Pages:</i> PH1-1, PH2-17, PH5-1, 5, 7, 9, 12</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,480,449		6	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.8.1.2.3, 2.8.2, 2.8.2(a), 2.8.3, 5.7.1.1, 5.7.1.5.1, 5.7.1.10  <i>Annex:</i> BB, BB.1.1 to BB.1.3  <i>Figs.:</i> 2.1-1, 2.8.3-1, 5.7.1.1-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-1, 4, PH2-1, 40-2, 45, 46-2, PH5-60, 63, 64, 93, PHX-BB1 to BB3</p>
6,487,147		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.2 to 5.2.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 17, 32, 115, 119 to 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.2 to 5.2.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-1, 17, PH5-1, 5 to 9</p>
6,487,151		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.5, 1.5.30, 1.5.32, 1.5.37, 5.2.1.1, 5.2.14  <i>Annex:</i> P  <i>Figs.:</i> 1.5.32-1, 5.2.1.1-1, P-1, P-2  <i>Pages:</i> PH-1, 6, 9, 10, 119, 120, 139, PHX-29</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.2.1.1, 5.2.14  <i>Annex:</i> P  <i>Figs.:</i> 1.5-1, 5.2.1.1-1, P-1, P-2  <i>Pages:</i> PH1, 7, 10, 11, PH5-5, 6, 25, PHX-P1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,538,979		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.11, 5.2.12, 5.3  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.3-1  <i>Tables:</i> 5.3.1-1, 5.3.1-2  <i>Pages:</i> PH-1, 17, 29, 32, 115, 116, 119, 120, 128, 139, 141-1, 144 to 151</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.11, 5.2.12, 5.3  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.3-1  <i>Tables:</i> 5.3.1-1, 5.3.1-2  <i>Pages:</i> PH1-1, PH2-1, 14, 17, PH5-1, 2, 5, 6, 14, 25, 27, 31 to 38</p>
6,545,963		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.48, 5.1.1, 5.2.1.1, 5.2.11, 5.2.11.9, 5.2.12, 5.3.1, 5.3.3.1  <i>Figs.:</i> 5.2.1.1-1, 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-1, 11, 115, 119, 120, 128, 137 to 139, 141-2</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.1.1, 5.2.1.1, 5.2.11, 5.2.11.9, 5.2.12, 5.3.1, 5.3.3.1  <i>Figs.:</i> 5.2.1.1-1, 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH1-1, 13, PH5-1, 5, 6, 14, 23 to 25, 28</p>

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PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,560,187		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 5.4, 5.5.1, 5.7.1.5.1  <i>Fig.:</i> 5.5.1-1  <i>Tables:</i> 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH-1, 152, 153, 154, 175, 179</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 5.4, 5.5.1, 5.7.1.5.1  <i>Fig.:</i> 5.5.1-1  <i>Tables:</i> 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-1, 2, PH5-39, 40, 41, 63, 68</p>
6,564,338		2	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.4, 5.5.3 to 5.5.5  <i>Tables:</i> 5.4-1, 5.5.4-1  <i>Pages:</i> PH1-1, 13, PH5-4, 39, 40, 42, 43, 46</p>
6,574,420		1	<p>DVD-RAM, Part 2 (v.2):  <i>Secs.:</i> 1.1, 2.2, 3.1, 3.6.1, 3.6.3, 3.7.1, 3.8.2, 3.10, 3.10.2  <i>Annex:</i> B.3.1, C.3  <i>Figs.:</i> 2.2-1, 3.6.3-2, C.3-1(c)  <i>Tables:</i> 3.7.1-1, 3.10.2-1, 3.10.2-2  <i>Pages:</i> FS1-1, FS2-2, FS3-2, 15, 23, 24, 31, 32, 35, 42, 44, FSX-B6, C5, C6</p>
6,581,167		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.5.1, 5.5.3, 5.6.1, 5.6.5  <i>Tables:</i> 5.4-1, 5.6.5-1  <i>Pages:</i> PH1-1, 8, 12, 13, 14, PH5-4, 40, 41, 42, 48, 54</p> <p>DVD-RAM, Part 2 (v.2):  <i>Sec.:</i> 2.2  <i>Fig.:</i> 2.2-1  <i>Page:</i> FS2-2</p>

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PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,590,859		1	DVD-RAM, Part 1 (v.2): <i>Annex:</i> Y.1.1.1, Y.1.1.2, Y.1.1.3, Y.1.1.4, Y.1.3.14, Y.1.4.14, Y.3 <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-10, Y.1.3-11, Y.1.4-10, Y.1.4-11, Y.3-1, Y.3-2 <i>Pages:</i> PHX-Y1 to Y3, Y16 to Y18, Y28, Y29, Y40 to Y42, Y52, Y53, Y61
6,600,706		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.6, 5.7.1.1, 5.7.1.5, 5.7.1.5.1, 5.7.1.5.1.1 <i>Annex:</i> V.1 to V.4 <i>Figs.:</i> 2.1-1, 5.7.1.1-1, V.2-1 <i>Table:</i> 5.7.1.5.1-1 <i>Pages:</i> PH1-1, 2, 14, PH2-1, 17, 18, PH5-60, 62, 63, 68, PHX-V1
6,606,294		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 2.1, 2.6.4, 2.6.5, 5.2.1.1, 5.2.11, 5.2.11.9 <i>Figs.:</i> 2.1-1, 2.6-1, 5.2.11-1 <i>Pages:</i> PH-17, 32, 34, 119, 120, 128, 137  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 2.1, 2.6.4, 2.6.5, 5.2.1.1, 5.2.11, 5.2.11.9 <i>Figs.:</i> 2.1-1, 2.6-1, 5.2.11-1 <i>Pages:</i> PH2-1, PH5-5, 6, 14, 23
6,732,303		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.4, 5.5.3, 5.5.5, 5.6.1, 5.6.2, 5.6.5 <i>Annex:</i> Z.2 <i>Fig.:</i> 5.6.2-1 <i>Tables:</i> 5.4-1, Z.2-1 <i>Pages:</i> PH1-1, 13, PH5-4, 39, 40, 42, 46, 48, 49, 53, 56, PHX-Z2
6,742,147		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.4, 5.5.2, 5.5.3, 5.5.4, 5.5.5 <i>Annex:</i> Z.2, Z.3.1, Z.3.2, Z.3.3 <i>Tables:</i> 5.4-1, 5.5.4-1, Z.2-1, Z.3.2-1 <i>Pages:</i> PH1-1, 13, PH5-4, 39 to 43, 45, 46, PHX-Z2 to Z4, Z6, Z7

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PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,782,487		1	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.5, 5.5.1, 5.5.3, 5.6.1, 5.6.5  <i>Tables:</i> 5.4-1, 5.6.5-1  <i>Pages:</i> PH1-1, 8, 12, 13, 14, PH5-4, 40, 41, 42, 48, 54</p> <p><b>DVD-RAM, Part 2 (v.2):</b>  <i>Sec.:</i> 2.2  <i>Fig.:</i> 2.2-1  <i>Page:</i> FS2-2</p>
6,791,930		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.11, 5.2.12, 5.3, 5.3.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.3-1  <i>Tables:</i> 5.3.1-1, 5.3.1-2  <i>Pages:</i> PH-1, 2-2, 3, 17, 29, 32, 115, 116, 119, 120, 128, 139, 141-1, 143 to 151</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 2.5, 2.6, 5.1.1, 5.1.3, 5.2.1.1, 5.2.11, 5.2.12, 5.3, 5.3.4  <i>Figs.:</i> 2.1-1, 5.2.1.1-1, 5.3-1  <i>Tables:</i> 5.3.1-1, 5.3.1-2  <i>Pages:</i> PH1-1, 3-2, 4, PH2-1, 14, 17, PH5-1, 2, 5, 6, 14, 25, 27, 30 to 38</p>
6,839,504	CN ZL 00816497.5	1	<p><b>DVD-RAM, Part 2 (v.2):</b>  <i>Secs.:</i> 1.3.7, 1.3.27, 1.3.34, 2.2, 3.1, 3.2, 3.8.2  <i>Annex:</i> C.2, C.3  <i>Figs.:</i> 2.2-1, 3.1-1, C.2-1, C.3-1  <i>Table:</i> 3.2-1  <i>Pages:</i> FS1-3, 5, 5-2, FS2-2, FS3-2 to 4, 35, FSX-C1, C3, C4, C6</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,862,685		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 5.7.1.1, 5.7.1.5, 5.7.1.5.1, 5.7.1.5.1.1 <i>Annex:</i> V.1 to V.3 <i>Figs.:</i> 2.1-1, 5.7.1.1-1, V.2-1 <i>Table:</i> 5.7.1.5.1-1 <i>Pages:</i> PH1-1, PH2-1, PH5-60, 62, 63, 68, PHX-V1
6,885,629		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 5.4, 5.7.1.1, 5.7.1.2, 5.7.1.5.1 <i>Annex:</i> V.1 to V.4, V.10 <i>Figs.:</i> 5.7.1.1-1, V.2-1 <i>Tables:</i> 5.7.1.5.1-1, V.10-2 <i>Pages:</i> PH1-1, PH5-39, 60, 61, 63, PHX-V1, V9
7,016,276		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 5.1.6, 5.5.1, 5.5.3, 5.5.5, 5.6.1, 5.6.5 <i>Tables:</i> 5.4-1, 5.6.5-1 <i>Pages:</i> PH1-1, 8, 12 to 14, PH5-4, 40 to 42, 46, 48, 54  DVD-RAM, Part 2 (v.2): <i>Sec.:</i> 2.2 <i>Fig.:</i> 2.2-1 <i>Page:</i> FS2-2

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,095,705		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.5.37, 1.5.44, 2.1, 2.6.1, 5.1.1, 5.4, 5.7.1.1, 5.7.1.10, 5.7.2.1, 5.7.2.5  <i>Figs.:</i> 2.1-1, 2.4-1, 5.7.1.1-1, 5.7.2.1-1  <i>Table:</i> 5.4-1  <i>Pages:</i> PH-1, 2-2, 10, 11, 17, 28, 32, 115, 152, 153, 172, 188, 190</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.5, 2.1, 2.6.1, 5.1.1, 5.4, 5.7.1.1, 5.7.1.10, 5.7.2.1, 5.7.2.5  <i>Figs.:</i> 2.1-1, 2.4-1, 5.7.1.1-1, 5.7.2.1-1  <i>Table:</i> 5.4-1  <i>Pages:</i> PH1-1, 3-2, 11, 12, PH2-1, 13, 17, PH5-1, 39, 40, 60, 93, 98, 99</p>
7,103,781		1	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.1, 5.7.1.1, 5.7.1.5, 5.7.1.5.1, 5.7.1.5.1.1  <i>Annex:</i> V.1 to V.3  <i>Figs.:</i> 2.1-1, 5.7.1.1-1, V.2-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-1, PH2-1, PH5-60, 62, 63, 68, PHX-V1</p>
7,110,544		1	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.6, 5.1.1.1, 5.2.11, 5.2.11.1, 5.7.1.1, 5.7.1.4, 5.7.1.5, 5.7.1.5.1, 5.7.1.5.1.1  <i>Annex:</i> V.1 to V.3  <i>Figs.:</i> 2.1-1, 5.2.11.1-1, 5.7.1.1-1, V.2-1  <i>Tables:</i> 5.2.11.2-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-1, 2, 14, PH2-1, 17, 18, PH5-14, 15, 17, 60, 62, 63, 68, PHX-V1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,206,268		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.5.1, 5.5.3, 5.6.1, 5.6.3, 5.6.5  <i>Tables:</i> 5.4-1, 5.6.5-1  <i>Pages:</i> PH1-1, 8, 12, 13, 14, PH5-4, 40, 41, 42, 48,50, 54, 55</p> <p>DVD-RAM, Part 2 (v.2):  <i>Sec.:</i> 2.2  <i>Fig.:</i> 2.2-1  <i>Page:</i> FS2-2</p>
RE 37,185		7, 13	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 2.4.7, 2.5.1, 2.6.1, 5.1.1  <i>Figs.:</i> 2.1-1, 2.4-1, 2.5.1-1  <i>Pages:</i> PH-17, 27-1, 28 to 30, 32, 115</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 2.4.7, 2.5.1, 2.6.1, 5.1.1  <i>Figs.:</i> 2.1-1, 2.4-1, 2.5.1-1  <i>Pages:</i> PH2-1, 11, 13 to 15, 17, PH5-1</p>
RE 37,801		6	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.5, 5.2.11.9, 5.3  <i>Figs.:</i> 2.7.4.2-1, 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-1, 6, 50, 137, 138, 141-1</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.2.11.9, 5.3  <i>Figs.:</i> 2.7.4.2-1, 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH1-1, 7, PH2-37, PH5-23, 24, 27</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
RE 39,771		23	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.5.8, 1.5.48, 5.2.1.2, 5.2.11, 5.2.11.2, 5.2.11.6  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.6-1  <i>Table:</i> 5.2.11.6-1  <i>Pages:</i> PH-6, 11, 120, 128, 129, 133</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.5, 5.2.1.2, 5.2.11, 5.2.11.2, 5.2.11.6  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.6-1  <i>Table:</i> 5.2.11.6-1  <i>Pages:</i> PH1-7, 13, PH5-6, 14, 15, 19</p>
RE 39,832		6	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.5, 5.2.11.9, 5.3  <i>Figs.:</i> 2.7.4.2-1, 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-1, 6, 50, 137, 138, 141-1</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.2.11.9, 5.3  <i>Figs.:</i> 2.7.4.2-1, 5.2.11.9-1  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH1-1, 7, PH2-37, PH5-23, 24, 27</p>
	MX 191,185	MX claim 12	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.1, 2.5.5  <i>Annex:</i> V, V.2, V.3, V.9  <i>Figs.:</i> 2.1-1, 2.4-1, V.5-1, V.9.1-1, V.9.2-1  <i>Pages:</i> PH1-1, 14, PH2-1, 13, 14, PHX-V1 to V10</p>

**SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS**

PANASONIC ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
	TW 143,888	TW claim 1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.4, 5.5.1, 5.7.1.1, 5.7.1.11, 5.7.1.11.3 <i>Figs.:</i> 2.1-1, 5.5.1-1, 5.7.1.1-1, 5.7.1.11-1, 5.7.1.11.3-1 <i>Pages:</i> PH1-1, PH2-1, PH5-1, 39, 41, 60, 93 to 97

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC/TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,732,066	TW 84,703	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.6  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.6-1  <i>Tables:</i> 5.2.11.2-1, 5.5.5-1  <i>Pages:</i> PH-115, 128 to 131, 133, 159</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.1.1, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.6  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.6-1  <i>Tables:</i> 5.2.11.2-1, 5.5.5-1  <i>Pages:</i> PH5-1, 14 to 17, 19, 47</p>
5,790,569	CA 2,190,985; KR 255,105; TW 89,851; VN 1,269	17	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.2.11.1, 5.2.11.7, 5.2.11.8  <i>Figs.:</i> 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1  <i>Pages:</i> PH-128, 129, 134, 136</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.2.11.1, 5.2.11.7, 5.2.11.8  <i>Figs.:</i> 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1  <i>Pages:</i> PH5-14, 15, 20, 22</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

PANASONIC/TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,867,475	CA 2,217,005; CN ZL 96194622.9; EP 820,629 (AT, BE, CH, DE, FR, GB, LI, NL) (Lapsed in ES, IT, LU, SE); HK 1,008,610; ID 8,062 (ID 960,933); SG 46,792; TH 14,818; VN 1,400	1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.1.1, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.6 <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.6-1 <i>Tables:</i> 5.2.11.2-1, 5.5.5-1 <i>Pages:</i> PH-115, 128 to 131, 133, 159  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.1.1, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.6 <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.6-1 <i>Tables:</i> 5.2.11.2-1, 5.5.5-1 <i>Pages:</i> PH5-1, 14 to 17, 19, 47
5,881,037	CA 2,192,062; CN ZL 96190546.8; EP 764,327 (AT, BE, CH, DE, ES, FR, GB, IT, LI, LU, NL, SE); HK 1,005,837; ID 5,094 (ID 960,868); KR 377,524; MX 211,803; MY 112,830; PH 52,831; SG 36,463; TH 16,120; TW 126,249; VN 1,152	1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.2.11, 5.2.11.9, 5.3, 5.3.1 <i>Figs.:</i> 5.2.11-1, 5.2.11.9-1 <i>Table:</i> 5.2.11.9-1 <i>Pages:</i> PH-128, 137, 138, 141-2  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.2.11, 5.2.11.9, 5.3, 5.3.1 <i>Figs.:</i> 5.2.11-1, 5.2.11.9-1 <i>Table:</i> 5.2.11.9-1 <i>Pages:</i> PH5-14, 23, 24, 27, 28

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PANASONIC/TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,912,869	AU 708,923; BR PI 9606290-8; CA 2,191,702; CN ZL 96190540.9; EP 763,239 (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, SE); HK 1,004,647; ID 11,625; KR 377,523; MX 196,771; MY 112,963; NO 318,893; RU 2,159,966; SG 35,867; TW 84,702; VN 1,480	1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.1, 1.2, 1.5.5, 1.5.32, 5.1.1, 5.1.3, 5.2.11.9, 5.3 <i>Figs.:</i> 1.5.32-1, 5.2.11.9-1 <i>Table:</i> 5.2.11.9-1 <i>Pages:</i> PH-1, 3, 6, 9, 115, 116, 137, 138, 141-1  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.2, 1.5, 5.1.1, 5.1.3, 5.2.11.9, 5.3 <i>Figs.:</i> 1.5-1, 5.2.11.9-1 <i>Table:</i> 5.2.11.9-1 <i>Pages:</i> PH1-1, 4, 7, 10,11, PH5-1, 2, 23, 24, 27
5,978,958	AU 706,245; CN ZL 96190566.2; KR 402,373; MX 205,657; MY 116,510; NO 322,734; PH 52,832; RU 2,154,897; SG 39,108; TW 82,934	5	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.2.11.8, 5.2.11.9 <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.2-1, 5.2.11.7-1, 5.2.11.8-1, 5.2.11.9-1 <i>Table:</i> 5.2.11.1-1 <i>Pages:</i> PH-128, 129, 131, 134, 136, 137  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.2.11.8, 5.2.11.9 <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.2-1, 5.2.11.7-1, 5.2.11.8-1, 5.2.11.9-1 <i>Table:</i> 5.2.11.1-1 <i>Pages:</i> PH5-14, 15, 17, 20, 22, 23

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SAMSUNG ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,367,038	KR 667,729	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.6 <i>Annex:</i> R.3.3, Z.3.3 <i>Tables:</i> 5.5.5-1, Z.3.3-1 <i>Pages:</i> PH1-1, PH5-46 to 48, 50, 51, 56, 57, PHX-R17, Z7, Z8
6,377,524		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 5.1.1, 5.2.11.2, 5.5.1, 5.5.3, 5.5.4, 5.5.5, 5.6.1, 5.6.2, 5.6.3, 5.6.7 <i>Annex:</i> K, R.2.1, R.4, R.4.1, R.4.2 <i>Figs.:</i> 2.1-1, 5.5.1-1 <i>Tables:</i> 5.2.11.2-2, 5.5.3-1, 5.5.5-1 <i>Pages:</i> PH1-1, PH2-1, PH5-1, 15 to 18, 41 to 43, 45, 46 to 51, 58, 59, PHX-K1, R8, R17
6,389,569	PH 1-1999-00995	32	DVD-RAM, Part 2 (v.2): <i>Secs.:</i> 1.1, 2.1, 2.2, 3.2, 3.5.2, 3.6, 3.6.1, 3.6.3, 3.6.4, 3.8.2 <i>Annex:</i> A, B, C.3 <i>Fig.:</i> 3.1-1 <i>Tables:</i> 3.6.1-1, 3.6.3-1, 3.6.3-2, 3.6.4-1, B.3.2-1 <i>Pages:</i> FS1-1, FS2-1, 2, FS3-2, 3, 13 to 15, 23 to 25, 35, FSX-A1, B1, B6 to B8, C3 to C5
6,408,408	CN ZL 02104696.4	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.6 <i>Annex:</i> R.3.3, Z.3.3 <i>Table:</i> 5.5.5-1, Z.3.3-1 <i>Pages:</i> PH1-1, 2, PH5-46 to 48, 50, 56, PHX-R17, Z7, Z8
6,445,677	RU 2,193,240; TW 130,084	26	DVD-RAM, Part 1 (v.2): <i>Annex:</i> Y.1.1.1 to Y.1.1.4, Y.1.3.14, Y.1.4.14, Y.1.5, Y.1.5.2, Y.1.6, Y.1.6.2 <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-10, Y.1.4-10 <i>Pages:</i> PHX-Y1 to Y3, Y16, Y40, Y54, Y55

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SAMSUNG ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,466,532		44	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.2, 2.3.2, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.6, 5.6.8 <i>Table:</i> 5.5.5-1 <i>Pages:</i> PH1-1, 2, 4, PH2-5, PH5-46 to 48, 50, 56, 59
6,467,061	EP 1,265,240 (DE, FR, GB, NL); KR 382,639; PH 1-2002-000468	1	DVD-RAM, Part 2 (v.2): <i>Sec.:</i> 1.1, 3.1, 3.8 <i>Fig.:</i> 3.1-1 <i>Pages:</i> FS-1, 45, 46, 78
6,469,979	MY 122,151; SG 115,328	13	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.3.5, 2.7.1.3, 2.7.3.3, 2.7.3.3(a), 5.1.1, 5.1.3, 5.2.1.1, 5.2.2 to 5.2.4 <i>Annex:</i> U.1 <i>Figs.:</i> 2.7.1.3-3, 2.7.1.3-4, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2 <i>Pages:</i> PH1-1, PH2-6, 21, 23, 24, 33, 34, PH5-1, 2, 5, 6, 7, 8, 9, PHX-U1
6,480,446	KR 354,739; RU 2,192,673; TW 128,457	29	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 5.2.1, 5.2.11, 5.4, 5.5, 5.5.1, 5.5.3 to 5.5.6, 5.6.1 to 5.6.3, 5.6.5 <i>Annex:</i> R.4, R.4.1, R.4.2 <i>Figs.:</i> 2.1-1, 5.2.1.1-1(a), 5.2.11-1, 5.2.11.1-1, 5.5.1-1, 5.6.2-1, 5.6.3-1 <i>Tables:</i> 5.4-1, 5.5.3-1, 5.5.5-1, 5.6.5-1 <i>Pages:</i> PH1-1, PH2-1, PH5-5, 6, 14, 15, 39 to 43, 45, 46 to 51, 53, 54, 56, PHX-R17
6,556,522	CN ZL 00137544.X; CN ZL 00137545.8; CN ZL 00137548.2; HK 1,036,679; HK 1,036,680; HK 1,036,682	24	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.5.5, 5.6.1, 5.6.2, 5.6.3 <i>Annex:</i> R.3.3 <i>Fig.:</i> 5.6.2-1 <i>Table:</i> 5.5.5-1 <i>Pages:</i> PH5-46 to 51, PHX-R17

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

SAMSUNG ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,560,177		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 2.1, 5.2.11, 5.6.1 <i>Table:</i> 5.5.5-1 <i>Pages:</i> PH2-1, PH5-14, 47, 48
6,578,163		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.6 <i>Annex:</i> R.3.3, Z.3.3 <i>Fig.:</i> 5.6.3-1 <i>Tables:</i> 5.5.5-1, Z.3.3-1 <i>Pages:</i> PH1-1, 2, PH5-46 to 48, 50, 51, 56, PHX-R17, Z7, Z8
6,587,413	KR 612,028	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 2.1, 5.2.11, 5.6.2 <i>Fig.:</i> 5.6.2-1 <i>Table:</i> 5.5.5-1 <i>Pages:</i> PH2-1, PH5-14, 47, 49
6,594,208	CN ZL 99125009.5; KR 612,029	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.5.5, 5.6.1, 5.6.2 <i>Fig.:</i> 5.6.2-1 <i>Table:</i> 5.5.5-1 <i>Pages:</i> PH5-46 to 49

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

SAMSUNG ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,631,110	CN ZL 01108985.7; CN ZL 01108986.5; CN ZL 01108987.3; CN ZL 01108988.1; CN ZL 01108998.9; CN ZL 99111676.3; EP 977,184 (DE, FR, GB, NL); HK 1,038,819; HK 1,038,820; HK 1,038,821; HK 1,038,822; HK 1,038,823	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.8.1, 2.8.1.2.3, 2.8.1.2.5, 2.8.1.2.6, 5.7.1.5.1.2 <i>Table:</i> 2.8.1.2.5-1 <i>Pages:</i> PH1-1, PH2-29, 40-2, 41, 43, 44, PH5-72 to 90
6,643,232		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 5.2.1.1, 5.2.11, 5.2.11.1, 5.4, 5.5.1, 5.5.3, 5.6.1, 5.6.2, 5.6.3, 5.6.5 <i>Annex:</i> R.4.2 <i>Figs.:</i> 2.1-1, 5.2.1.1-1(a), 5.2.11-1, 5.2.11.1-1, 5.5.1-1 <i>Tables:</i> 5.4-1, 5.5.3-1, 5.6.5-1 <i>Pages:</i> PH1-1, PH2-1, PH5-5, 6, 14, 15, 39 to 42, 47 to 51, 53, 54, 56, PHX-R17
6,683,835		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 3.1, 3.4.15, 3.5.2, 5.2.1, 5.2.11, 5.4, 5.5.1, 5.7.1.1, 5.7.1.11, 5.7.1.11.1, 5.7.1.11.2, 5.7.2.1 <i>Annex:</i> W, Y.1.1.1, Y.1.3.14, Y.1.4.14, Y.1.5.2, Y.1.6.2 <i>Figs.:</i> 2.1-1, 3.1-2, 5.2.1.1-1(a), 5.2.11-1, 5.2.11.1-1, 5.5.1-1, 5.7.1.1-1, 5.7.1.11-1, 5.7.2.1-1 <i>Tables:</i> 5.4-1, 5.7.1.11.1-1 <i>Pages:</i> PH1-1 to 3, PH2-1, PH3-1, 3, 34, 45, PH5-5, 6, 14, 15, 39 to 41, 60, 93 to 95, 98, PHX-W1, Y1, Y16, Y40, Y54, Y55

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

SAMSUNG ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,708,300	RU 2,208,844	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 5.5.3, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.4, 5.6.5, 5.6.6 <i>Annex:</i> R.3.3, Z.3.3 <i>Tables:</i> 5.5.5-1, 5.6.4-1, 5.6.5-1, Z.3.3-1 <i>Pages:</i> PH1-1, PH5-42, 46 to 48, 50, 52 to 54, 56, PHX-R17, Z7, Z8
6,721,243	CN ZL 01104663.5; CN ZL 99118401.7; HK 1,037,775; KR 618,962	4	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.3.5, 2.7.1.3, 2.7.3, 2.7.3.3, 2.7.3.3(a), 5.1.1, 5.2.1.1, 5.2.2 to 5.2.4 <i>Annex:</i> U.1 <i>Figs.:</i> 2.7.1.3-3, 2.7.1.3-4, 2.7.1.3-5(a)(b), 5.2.1.1-1(a), 5.2.1.1-1(b), 5.2.1.1-2(a)(b) <i>Pages:</i> PH1-1, PH2-6, 21, 23, 24, 30, 33, 34, PH5-1, 5 to 9, PHX-U1
6,724,705	SG 91,819; TW 140,698	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 5.2.1, 5.2.11, 5.4, 5.5.1, 5.7.1.1, 5.7.1.11, 5.7.1.11.1, 5.7.1.11.2, 5.7.2.1 <i>Annex:</i> W <i>Figs.:</i> 2.1-1, 5.2.1.1-1(a), 5.2.11-1, 5.2.11.1-1, 5.5.1-1, 5.7.1.1-1, 5.7.1.11-1, 5.7.2.1-1 <i>Tables:</i> 5.4-1, 5.7.1.11.1-1 <i>Pages:</i> PH1-1, PH2-1, PH5-5, 6, 14, 15, 39 to 41, 60, 93 to 95, 98, PHX-W1
6,725,400	KR 366,644; TW 144,626	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 5.5.3, 5.5.4, 5.5.5, 5.6.1, 5.6.2, 5.6.6, 5.6.6.1 <i>Annex:</i> R.3, Z.3.1, Z.3.2, Z.3.3 <i>Figs.:</i> 5.6.2-1, R.3.1-1, R.3.2-2 <i>Tables:</i> 5.5.4-1, 5.5.5-1, Z.3.3-1 <i>Pages:</i> PH1-1, PH5-42, 43, 45 to 49, 56, 57, PHX-R13 to R16, Z3, Z4, Z6 to Z8

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

SAMSUNG ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,728,200		32	DVD-RAM, Part 1 (v.2): <i>Annex:</i> Y.1.1.1 to Y.1.1.4, Y.1.3.14, Y.1.4.14, Y.1.5, Y.1.5.2, Y.1.6, Y.1.6.2 <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-10, Y.1.3-11, Y.1.4-10, Y.1.4-11, Y.3-2 <i>Pages:</i> PHX-Y1 to Y3, Y16, Y18, Y28, Y29, Y40, Y42, Y52 to Y55, Y61
6,744,713	CN ZL 01108996.2; EP 965,988 (DE, FR, GB, NL); HK 1,038,983	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 5.2.1, 5.2.11, 5.4, 5.5.1, 5.7.1.1, 5.7.1.11, 5.7.1.11.1, 5.7.1.11.2, 5.7.2.1 <i>Annex:</i> W <i>Figs.:</i> 2.1-1, 5.2.1.1-1(a), 5.2.11-1, 5.2.11.1-1, 5.5.1-1, 5.7.1.1-1, 5.7.1.11-1, 5.7.2.1-1 <i>Tables:</i> 5.4-1, 5.7.1.11.1-1 <i>Pages:</i> PH1-1, 2-1, PH5-5, 6, 14, 15, 39 to 41, 60, 93 to 95, 98, PHX-W1
6,747,929		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.1, 5.5.5, 5.6.2, 5.6.6, 5.6.6.1 <i>Fig.:</i> 5.6.2-1 <i>Table:</i> 5.5.5-1 <i>Pages:</i> PH1-1, 2, 12, PH2-1, PH5-46, 47, 49, 56, 57
6,894,963	CN ZL 01117010.7; HK 1,039,678	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 5.2.11, 5.6, 5.6.3, 5.6.5, 5.6.6, 5.6.7, 5.6.8 <i>Figs.:</i> 2.1-1, 5.6.2-1, 5.6.3-1 <i>Annex:</i> R.4.1, R.4.2 <i>Table:</i> 5.2.11.2-2 <i>Pages:</i> PH1-1, PH2-1, PH5-16, 17, 48 to 59, PHX-R17
6,931,655		2	DVD-RAM, Part 1 (v.2): <i>Annex:</i> Y.1.1.1 to Y.1.1.4, Y.1.3.9, Y.1.3.14, Y.1.4.14, Y.1.5.2, Y.1.6.2 <i>Figs.:</i> Y.1.1-1, Y.1.1-2, Y.1.3-5, Y.1.3-10, Y.1.3-11, Y.1.4-10, Y.1.4-11, Y.3-2 <i>Pages:</i> PHX-Y1 to Y3, Y11, Y12, Y16, Y18, Y28, Y29, Y40, Y42, Y52 to Y55, Y61

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

SAMSUNG ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,952,385		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 5.2.11, 5.6, 5.6.3, 5.6.5, 5.6.6, 5.6.7, 5.6.8 <i>Annex:</i> R.4.1, R.4.2 <i>Table:</i> 5.2.11.2-2 <i>Figs.:</i> 2.1-1, 5.6.2-1, 5.6.3-1 <i>Pages:</i> PH1-1, PH2-1, PH5-14 to 17, 48 to 59, PHX-R17
6,970,407		15	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.3.2, 3, 3.1, 3.1.1, 5.7, 5.7.1, 5.7.1.1, 5.7.1.11, 5.7.1.11.1, 5.7.1.11.2, 5.7.2, 5.7.2.1 <i>Annex:</i> W <i>Figs.:</i> 3.1-1, 5.2.11-1, 5.2.1.11-1, 5.7.1.1-1, 5.7.2.1-1 <i>Table:</i> 5.7.1.11-1 <i>Pages:</i> PH1-1, 2, 3, 7, 10, PH3-1, 2, PH5-14, 60, 93 to 95, 98, PHX-W1
7,076,701		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 5.4, 5.5, 5.5.1, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.6 <i>Annex:</i> R.3.3, Z.3.3 <i>Fig.:</i> 5.6.3-1 <i>Tables:</i> 5.4-1, 5.5.1-1, 5.5.5-1, Z.3.3-1 <i>Pages:</i> PH1-1 to 4, 7, PH2-5, PH5-39, 40, 46 to 48, 56, PHX-R17, Z7, Z8
7,085,206		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.1, 5.5.5, 5.5.6, 5.6.3 <i>Annex:</i> Z.3.3 <i>Fig.:</i> 5.6.3-1 <i>Pages:</i> PH1-1, 14, PH2-1, PH5-46, 50, 51, PHX-Z7

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

SAMSUNG ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,133,333	EP 952,573 (DE, FR, GB, NL)	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 5.2.1.1, 5.2.11, 5.2.11.1, 5.4, 5.5.1, 5.6.1, 5.6.3, 5.6.5 <i>Annex:</i> R.4.2 <i>Figs.:</i> 2.1-1, 5.2.1.1-1(a), 5.2.11-1, 5.2.11.1-1, 5.5.1-1 <i>Tables:</i> 5.4-1, 5.6.5-1 <i>Pages:</i> PH1-1, PH2-1, PH5-5, 6, 14, 15, 39 to 41, 48, 50, 51, 53, 54, 56, PHX-R17
7,174,487	IN 232,394	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 5.4, 5.5, 5.5.1, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.6 <i>Annex:</i> R.3.3, Z.3.3 <i>Fig.:</i> 5.6.3-1 <i>Tables:</i> 5.4-1, 5.5.1-1, 5.5.5-1, Z.3.3-1 <i>Pages:</i> PH1-1, 7, PH5-39 to 41, 46 to 48, 50, 51, 56, PHX-R17, Z7, Z8
7,197,672		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.6 <i>Annex:</i> R.3.3, Z.3.3 <i>Tables:</i> 5.5.5-1, Z.3.3-1 <i>Pages:</i> PH1-1, PH5-46 to 48, 50, 56, PHX-R17, Z7, Z8
7,209,423		19	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.8.1.2.3 to 2.8.1.2.6, 5.7.1.5.1.2 <i>Table:</i> 2.8.1.2.5-1 <i>Pages:</i> PH1-1, PH2-40-1 to 43, PH5-72 to 90
7,210,067		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.3.2, 5.5.3 to 5.5.5, 5.6.1, 5.6.2, 5.6.6, 5.6.6.1, 5.6.7 <i>Annex:</i> R.3, R.3.1, R.3.2, Z.3.1, Z.3.2, Z.3.3 <i>Figs.:</i> 5.6.2-1, R.3.1-1, R.3.2-2 <i>Tables:</i> 5.5.4-1, 5.5.5-1, Z.3.3-1 <i>Pages:</i> PH1-1, PH5-42, 43, 45 to 49, 56 to 58, PHX-R13 to R16, Z3, Z4, Z6 to Z8

**SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS**

SHARP ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,379,864		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.5.27, 2.1, 2.6.1, 2.6.3, 5.1.1, 5.2.1.1, 5.2.4 <i>Figs.:</i> 2.1-1, 5.2.1.1-2 <i>Pages:</i> PH-9, 17, 32, 115, 119, 121, 123  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.5, 2.1, 2.6.1, 2.6.3, 5.1.1, 5.2.1.1, 5.2.4 <i>Figs.:</i> 2.1-1, 5.2.1.1-2 <i>Pages:</i> PH1-10, PH2-1, 17, PH5-1, 5, 7, 9

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
4,835,757		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.1.1, 5.5.5, 5.6.3, 5.6.5, 5.6.7  <i>Figs.:</i> 2.1-1, 5.6.3-1  <i>Table:</i> 5.5.5-1  <i>Pages:</i> PH-17, 115, 158, 159, 161, 162, 164, 170</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.1.1, 5.5.5, 5.5.6, 5.6.3, 5.6.5, 5.6.7  <i>Figs.:</i> 2.1-1, 5.6.3-1  <i>Table:</i> 5.5.5-1  <i>Pages:</i> PH2-1, PH5-1, 46, 47, 50, 51, 53, 58, 59</p>
5,493,552		8	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 32, 115, 119 to 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.6.1, 5.1.1, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-17, PH5-1, 5 to 7, 9</p>
5,587,991	KR 191,944	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.2.11.9, 5.3.2, 5.3.3, 5.3.3.1, 5.3.3.2  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-17, 137, 138, 141-2, 142</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.2.11.9, 5.3.2, 5.3.3, 5.3.3.1, 5.3.3.2  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH2-1, PH5-23, 24, 28, 29</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,673,248	EP 709,833 (DE, FR, GB); KR 343,189	18	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 2.8.1.3.2, 5.7.1.1, 5.7.1.5, 5.7.1.5.1, 5.7.5.1  <i>Figs.:</i> 5.7.1.1-1, 5.7.1.5-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-54, 172, 174, 175, 179 to 187</p>
5,696,756	AU 692,699; AU 699,399; CA 2,191,588; EP 737,976 (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, SE); KR 253,618; TW 98,207; VN 1,373	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 5.2.1.2, 5.3, 5.4, 5.7.1.1, 5.7.1.3, 5.7.1.5  <i>Figs.:</i> 2.6-1, 5.2.1.2-1, 5.7.1.1-1  <i>Table:</i> 5.4-1  <i>Pages:</i> PH-34, 120, 121, 152, 153, 172 to 174</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 5.2.1.2, 5.3, 5.4, 5.7.1.1, 5.7.1.3, 5.7.1.5  <i>Figs.:</i> 2.6-1, 5.2.1.2-1, 5.7.1.1-1  <i>Table:</i> 5.4-1  <i>Pages:</i> PH2-19, PH5-6, 7, 27, 39, 40, 60 to 62</p>
5,708,651		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.2, 2.1, 2.4.2, 2.5.1, 2.5.3, 2.5.5, 2.7, 5.1.1, 5.7.1.1, 5.7.1.5  <i>Figs.:</i> 2.1-1, 2.5.1-1, 2.5.3-1, 5.7.1.1-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-3, 17, 27, 29 to 31, 35, 36, 115, 172, 174, 175</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.2, 2.1, 2.4.2, 2.5.1, 2.5.3, 2.5.5, 2.7, 5.1.1, 5.7.1.1, 5.7.1.5  <i>Figs.:</i> 2.1-1, 2.5.1-1, 2.5.3-1, 5.7.1.1-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-4, PH2-1, 11, 14, to 16, 20, 21, PH5-1, 60, 63, 64</p>

**SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS**

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,757,764		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.2.1, 3.3.8, 3.4.8, 3.4.11, 3.4.12, 3.4.13, 3.4.16, 3.5.2, 3.6.1, 3.6.2, 3.7, 3.7.2, 4.2  <i>Annex:</i> H  <i>Figs.:</i> 3.1-1 to 3.1-3, 3.3-4, 3.4-4 to 3.4-8, H-1  <i>Pages:</i> PH-61 to 64, 69, 78, 89 to 94, 98 to 102, 105 to 107, 111, PHX-12</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 3.1.1, 3.1.2, 3.1.3, 3.2.1, 3.3.8, 3.4.8, 3.4.11, 3.4.12, 3.4.13, 3.4.16, 3.5, 3.5.2, 4.2  <i>Annex:</i> H  <i>Figs.:</i> 3.1-1, 3.1-2, 3.3-4, 3.4-4 to 3.4-8, H-1  <i>Pages:</i> PH3-1 to 4, 9, 18, 29, 31 to 34, 38 to 42, 45, PH4-3, PHX-H1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,796,713	CN ZL 96122067.8; KR 276,488; TW 123,331	11	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 3.1.2, 3.1.4, 3.4.9, 3.4.11, 3.4.12, 3.4.13, 3.4.16, 3.6.1, 3.6.2, 4.2  <i>Annex:</i> H  <i>Figs.:</i> 3.1-2, 3.1-3, 3.4-5 to 3.4-8, 4.2-1, H-1  <i>Tables:</i> 3.4.9-1, 3.6.1-1  <i>Pages:</i> PH-61, 63, 63-2, 90 to 94, 99 to 102, 106, 111, 112, PHX-12</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 3.1.2, 3.4.9, 3.4.11, 3.4.12, 3.4.13, 3.4.16, 3.6.1, 3.6.2, 4.2  <i>Annex:</i> H, Y.1.1.1, Y.1.1.2, Y.1.3.8 to Y.1.3.11, Y.1.3.14, Y.1.4.8 to Y.1.4.10, Y.1.4.14, Y.2.2  <i>Figs.:</i> 3.1-1, 3.1-2, 3.4-1, 3.4-4 to 3.4-8, 4.2-1, H-1, Y.1.1-1, Y.1.1-2, Y.1.3-4 to Y.1.3-7, Y.1.3-10, Y.1.3-11, Y.1.4-4 to Y.1.4-7, Y.1.4-10, Y.2.2-1, Y.3-1, Y.3-2  <i>Tables:</i> 3.4.9-1, Y.1.3.8-1, Y.1.4.8-1  <i>Pages:</i> PH3-1 to 3, 30 to 35, 38 to 42, 46, PH4-3, 4, PHX-H1, Y1 to Y3, Y10 to Y14, Y16 to Y18, Y22 to Y25, Y28, Y29, Y34 to Y37, Y40 to Y42, Y46 to Y49, Y52, Y59, Y60, Y61</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,805,547	AU 695,695; CA 2,222,007; KR 262,805; NO 318,718; TH 21,293	1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.1.1, 5.1.3, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.7, 5.2.11.8, 5.5.5, 5.6.2, 5.6.7 <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2, 5.2.11-1, 5.6.2-1 <i>Tables:</i> 5.1.4-1, 5.4-1 <i>Pages:</i> PH-115 to 117, 119 to 121, 123, 128, 134, 136, 153, 158, 160, 161, 170  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.1.1, 5.1.3, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.7, 5.2.11.8, 5.5.5, 5.6.2, 5.6.7 <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2, 5.2.11-1, 5.6.2-1 <i>Tables:</i> 5.1.4-1, 5.4-1 <i>Pages:</i> PH5-1 to 3, 5 to 7, 9, 14, 20, 22, 40, 46, 49, 58
5,831,966		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 2.1, 5.2.11.2, 5.7.1.1, 5.7.1.5, 5.7.1.5.1 <i>Figs.:</i> 2.1-1, 5.7.1.1-1, 5.7.1.5-1 <i>Table:</i> 5.7.1.5.1-1 <i>Pages:</i> PH-17, 129, 130, 172, 174, 175, 177  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 2.1, 5.2.11.2, 5.7.1.1, 5.7.1.5, 5.7.1.5.1 <i>Figs.:</i> 2.1-1, 5.7.1.1-1, 5.7.1.5-1 <i>Table:</i> 5.7.1.5.1-1 <i>Pages:</i> PH2-1, PH5-15, 16, 60, 62, 63, 66

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,841,748	KR 262,470	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 5.1.1, 5.1.3, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.7, 5.2.11.8, 5.5.5, 5.6.2, 5.6.7  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2, 5.2.11-1, 5.6.2-1  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-115 to 117, 119 to 121, 123, 128, 134, 136, 153, 158, 160, 161, 170</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 5.1.1, 5.1.3, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.7, 5.2.11.8, 5.5.5, 5.6.2, 5.6.7  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2, 5.2.11-1, 5.6.2-1  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH5-1 to 3, 5 to 7, 9, 14, 20, 22, 40, 46, 49, 58</p>
5,858,498		14	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.1, 2.4, 2.4.7, 2.5, 2.5.1  <i>Figs.:</i> 2.1-1, 2.4-1, 2.5.1-1  <i>Pages:</i> PH-1, 17, 27-1 to 30</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.1, 2.4, 2.4.7, 2.5, 2.5.1  <i>Figs.:</i> 2.1-1, 2.4-1, 2.5.1-1  <i>Pages:</i> PH1-1, PH2-1, 11 to 15</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,859,823	KR 262,473	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.7 to 5.2.11.9, 5.6.1, 5.6.2, 5.6.4, 5.6.6, 5.6.6.1, 5.6.6.2, 5.6.7  <i>Annex:</i> K  <i>Figs.:</i> 5.2.1.1-1, 5.2.11-1, 5.2.11.1-1, 5.2.11.9-1, 5.6.2-1  <i>Pages:</i> PH-115, 119, 120, 123, 128, 129, 134, 136, 137, 160, 161, 163, 164, 167 to 170, PHX-18</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.7 to 5.2.11.9, 5.6.1, 5.6.2, 5.6.4, 5.6.6, 5.6.6.1, 5.6.6.2, 5.6.7  <i>Annex:</i> K  <i>Figs.:</i> 5.2.1.1-1, 5.2.11-1, 5.2.11.1-1, 5.2.11.9-1, 5.6.2-1  <i>Pages:</i> PH5-1, 5, 6, 9, 14, 15, 20, 22, 23, 48, 49, 52, 53, 56 to 59, PHX-K1</p>
5,878,020		1	<p><b>DVD-RAM Part 1 (v.1):</b>  <i>Secs.</i> 1.1, 2.1, 2.6.3, 5.1.4, 5.4, 5.5.3, 5.5.4, 5.6.3 to 5.6.5  <i>Fig.:</i> 2.1-1  <i>Tables:</i> 5.1.4-1, 5.4-1, 5.6.5-1  <i>Pages:</i> PH-1, 17, 32, 116, 117, 152, 153, 155, 156, 161 to 165</p> <p><b>DVD-RAM Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.1, 2.6.3, 5.1.4, 5.4, 5.5.3, 5.5.4, 5.6.3 to 5.6.5  <i>Annex:</i> Z.1, Z.2, Z.3.1, Z.3.2  <i>Fig.:</i> 2.1-1  <i>Tables:</i> 5.1.4-1, 5.4-1, 5.6.5-1, Z.1-1, Z.2-1  <i>Pages:</i> PH1-1, PH2-1, 17, PH5-2, 3, 39, 40, 42, 43, 50 to 54, 56, PHX-Z1 to Z4</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,881,046		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 2.3.2, 5.2.11, 5.2.11.9, 5.3, 5.3.1, 5.3.2, 5.3.3, 5.3.3.1  <i>Annex:</i> N  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH-21, 128, 137, 138, 141-1, 141-2, PHX-24 to 26</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 2.3.2, 5.2.11, 5.2.11.9, 5.3, 5.3.1, 5.3.2, 5.3.3, 5.3.3.1  <i>Annex:</i> N  <i>Table:</i> 5.2.11.9-1  <i>Pages:</i> PH2-5, PH5-14, 23, 24, 27, 28, PHX-N1 to N3</p>
5,892,751	EP 805,449 (DE, FR, GB) (Lapsed in AT, BE, CH, DK, ES, FI, GR, IE, IT, LI, LU, NL, SE)	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 5.2.1.2, 5.3, 5.4, 5.7.1.1, 5.7.1.3, 5.7.1.5  <i>Figs.:</i> 2.6-1, 5.2.1.2-1, 5.7.1.1-1  <i>Table:</i> 5.4-1  <i>Pages:</i> PH-34, 120, 121, 152, 153, 172 to 174</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 5.2.1.2, 5.3, 5.4, 5.7.1.1, 5.7.1.3, 5.7.1.5  <i>Figs.:</i> 2.6-1, 5.2.1.2-1, 5.7.1.1-1  <i>Table:</i> 5.4-1  <i>Pages:</i> PH2-19, PH5-6, 7, 27, 39, 40, 60 to 62</p>
5,914,928	TW 124,035	26	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 5.1.1, 5.1.3, 5.1.4, 5.5.5, 5.6.2, 5.6.3, 5.6.4, 5.6.7, 5.6.8  <i>Figs.:</i> 5.6.2-1, 5.6.3-1  <i>Tables:</i> 5.1.4-1, 5.5.5-1, 5.6.4-1  <i>Pages:</i> PH-115 to 117, 158 to 164, 170, 171</p>

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TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,956,306		4	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 2.3.2, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.3, 5.2.11.7, 5.2.11.8, 5.2.11.9  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1  <i>Table:</i> 5.2.11.2-1  <i>Pages:</i> PH-21, 128, 129, 131, 132, 134, 136, 137</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 2.3.2, 5.2.11, 5.2.11.1, 5.2.11.3, 5.2.11.7, 5.2.11.8, 5.2.11.9  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1  <i>Table:</i> 5.2.11.2-1  <i>Pages:</i> PH2-5, PH5-14, 15, 17, 18, 20, 22, 23</p>
5,956,309	EP 798,712 (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, SE); HK 1,003,521; PH 1-1997-55974	4	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.7, 5.2.11.8, 5.4, 5.5.3,                      5.6.2, 5.6.4, 5.6.6, 5.6.7  <i>Annex:</i> K  <i>Figs.:</i> 5.2.1.1-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1, 5.6.2-1  <i>Tables:</i> 5.4-1, 5.6.4-1  <i>Pages:</i> PH-115, 119, 120, 123, 128, 129, 134, 136, 152, 153, 155, 161, 163,                      164, 167, 168, 170, PHX-18</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,959,962		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.5.8, 1.5.27, 2.1, 2.7.2, 2.7.2.1, 2.8.1.3.1, 2.8.1.3.2, 5.1.1, 5.4, 5.5.1, 5.7.1.5, 5.7.1.5.1  <i>Annex:</i> F  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.7.1.1-1, 5.7.1.5-1, F-1, F-2  <i>Tables:</i> 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH-1, 6, 9, 17, 37, 42, 53, 54, 115, 152 to 154, 172, 174 to 178, PHX-9, 10</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.5, 2.1, 2.7.2, 2.7.2.1, 2.8.1.2.3 to 2.8.1.2.6, 2.8.3, 5.1.1, 5.4, 5.5.1, 5.7.1.5, 5.7.1.5.1  <i>Annex:</i> AA, BB  <i>Figs.:</i> 2.2-1, 2.7.1.3-1, 5.7.1.1-1, 5.7.1.5-1  <i>Tables:</i> 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-1, 7, 10, 11, PH2-1, 22, 27, 40 to 44, 46-2 to 46-4, PH5-1, 39 to 41, 60, 62, 63, 65 to 67, PHX-AA1 to AA5, BB9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,963,522	EP 798,714 (DE, FR, GB) (Lapsed in NL)	2	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.7, 5.2.11.8, 5.4, 5.5.5, 5.6.2 to 5.6.4, 5.6.6, 5.6.7  <i>Annex:</i> K  <i>Figs.:</i> 5.2.1.1-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1, 5.6.2-1, 5.6.3-1  <i>Tables:</i> 5.4-1, 5.5.5-1, 5.6.4-1  <i>Pages:</i> PH-115, 119, 120, 123, 128, 129, 134, 136, 152, 153, 158, 159, 161 to 164, 167, 170, PHX-18</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.7, 5.2.11.8, 5.4, 5.5.5, 5.6.2, 5.6.3, 5.6.6, 5.6.7  <i>Annex:</i> K  <i>Figs.:</i> 5.2.1.1-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1, 5.6.2-1, 5.6.3-1  <i>Tables:</i> 5.4-1, 5.5.5-1  <i>Pages:</i> PH5-1, 5, 6, 9, 14, 15, 20, 22, 39, 40, 46, 47, 49 to 51, 56 to 59, PHX-K1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,982,729	EP 798,713 (DE, FR, GB) (Lapsed in NL)	2	<p>DVD-RAM, Part 1 (v.1):</p> <p><i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.7, 5.2.11.8, 5.4, 5.5.5, 5.6.3, 5.6.7, 5.6.8.2</p> <p><i>Annex:</i> K</p> <p><i>Figs.:</i> 5.2.1.1-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1, 5.6.3-1</p> <p><i>Tables:</i> 5.4-1, 5.5.5-1</p> <p><i>Pages:</i> PH-115, 119, 120, 123, 128, 129, 134, 136, 152, 153, 158, 159, 161, 162, 170, 171, PHX-18</p> <p>DVD-RAM, Part 1 (v.2):</p> <p><i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.7, 5.2.11.8, 5.4, 5.5.5, 5.6.3, 5.6.7, 5.6.8</p> <p><i>Annex:</i> K</p> <p><i>Figs.:</i> 5.2.1.1-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1, 5.6.3-1</p> <p><i>Tables:</i> 5.4-1, 5.5.5-1</p> <p><i>Pages:</i> PH5-1, 5, 6, 9, 14, 15, 20, 22, 39, 40, 46, 47, 50, 51, 58, 59, PHX-K1</p>

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TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,002,557		3	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 3.1.2, 3.1.4, 3.4.9, 3.4.11 to 3.4.13, 3.4.16, 3.6.1, 3.6.2  <i>Annex:</i> H  <i>Figs.:</i> 3.1-2, 3.1-3, 3.4-5 to 3.4-8, H-1  <i>Tables:</i> 3.4.9-1, 3.6.1-1  <i>Pages:</i> PH-61, 63, 63-2, 90 to 94, 99 to 102, 106, PHX-12</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 3.1.2, 3.1.3, 3.4.9, 3.4.11 to 3.4.13, 3.4.16  <i>Annex:</i> H, Y.1.1.1 to Y.1.1.4, Y.1.3.8 to Y.1.3.11, Y.1.3.14, Y.1.4.8 to Y.1.4.11, Y.1.4.14  <i>Figs.:</i> 3.1-2, 3.4-4 to 3.4-8, H-1, Y.1.1-1, Y.1.1-2, Y.1.3-4 to Y.1.3-7, Y.1.3-10, Y.1.4-4 to Y.1.4-7, Y.1.4-10, Y.3-1, Y.3-2  <i>Tables:</i> 3.4.9-1, Y.1.3.8-1, Y.1.4.8-1  <i>Pages:</i> PH3-1 to 3, 30 to 34, 38 to 42, PHX-H1, Y1 to Y3, Y10 to Y14, Y16 to Y18, Y22 to Y25, Y28, Y34 to Y38, Y40 to Y42, Y46 to Y49, Y52, Y61</p>
6,014,365	CN ZL 96122066.X; KR 276,492	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 3.1, 3.2.1, 3.3.1, 3.3.11, 3.3.12, 3.3.14, 3.4.1, 3.4.11, 3.4.12, 3.4.14  <i>Figs.:</i> 3.1-1 to 3.1-3, 3.3-1, 3.3-5 to 3.3-9, 3.4-1, 3.4-5 to 3.4-9  <i>Pages:</i> PH-61 to 65, 71 to 73, 75, 79 to 83, 85, 91 to 93, 95, 99 to 103</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 3.1, 3.2.1, 3.3.1, 3.3.11, 3.3.12, 3.3.14, 3.4.1, 3.4.11, 3.4.12, 3.4.14  <i>Figs.:</i> 3.1-1 to 3.1-3, 3.3-1, 3.3-5 to 3.3-9, 3.4-1, 3.4-5 to 3.4-9  <i>Pages:</i> PH3-1 to 5, 11 to 13, 15, 19 to 23, 25, 31 to 33, 35, 39 to 43</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,031,804		1	<p>DVD-RAM, Part 1 (v.1):</p> <p><i>Secs.:</i> 1.1, 1.5.9, 2.3.2, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.2.11.8, 5.2.11.9, 5.3, 5.3.1, 5.4, 5.5.5, 5.6.1, 5.6.2, 5.6.6, 5.6.6.1, 5.6.6.2</p> <p><i>Annex:</i> K, R, R.2.2, R.2.2.1</p> <p><i>Figs.:</i> 5.2.1.1-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1, 5.2.11.9-1, 5.6.2-1</p> <p><i>Tables:</i> 5.1.4-1, 5.4-1</p> <p><i>Pages:</i> PH-2-2, 7, 21, 115 to 117, 119, 120, 123, 128, 129, 134, 136, 137, 141-1, 141-2, 152, 153, 158, 160, 161, 167 to 169, PHX-18, 35</p>
6,049,515		1	<p>DVD-RAM, Part 1 (v.1):</p> <p><i>Secs.:</i> 1.1, 1.2, 1.5.9, 1.5.14, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.2, 5.2.4, 5.2.9, 5.2.10, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.6, 5.2.11.7, 5.2.11.8, 5.2.11.9, 5.2.12, 5.2.13, 5.3.1, 5.4, 5.5.5, 5.6.1, 5.6.2, 5.6.4, 5.6.6, 5.6.6.1, 5.6.6.2, 5.6.7</p> <p><i>Annex:</i> K, R, R.2.2, R.2.2.1</p> <p><i>Figs.:</i> 5.2.1.1-1, 5.2.11-1, 5.2.11.1-1, 5.2.11.6-1, 5.2.11.7-1, 5.2.11.8-1, 5.2.11.9-1, 5.6.2-1</p> <p><i>Tables:</i> 5.1.4-1, 5.2.11.2-1, 5.2.11.6-1, 5.4-1, 5.5.5-1</p> <p><i>Pages:</i> PH-1, 3, 7, 115 to 117, 119, 120, 122, 123, 127 to 129, 131, 133, 134, 136, 137, 139, 141-2, 152, 153, 158 to 161, 163, 167 to 169, 170, PHX-18, 35</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,064,643	CN ZL 98106106.0; KR 279,335	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 5.1.1, 5.1.3, 5.2.1.1, 5.2.2, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-17, 115 to 117, 119 to 123, 153</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 5.1.1, 5.1.3, 5.2.2, 5.2.1.1, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH2-1, PH5-1 to 3, 5 to 9, 40</p>
6,128,260	EP 872,830 (DE, FR, GB, NL); KR 279,340; TW 112,693	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 5.1.1, 5.1.3, 5.2.1.1, 5.2.4, 5.2.8, 5.2.9, 5.2.15  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-1, 115, 116, 119, 120, 123, 127, 140</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 5.1.1, 5.1.3, 5.2.1.1, 5.2.4, 5.2.8, 5.2.9, 5.2.15  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH1-1, PH5-1, 2, 5, 6, 9, 13, 26</p>
6,130,871	CN ZL 98804362.9; MX 214,555; MY 120,440; PH 1-1998-00701; TW 137,048 (445,450)	20	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.3.2, 2.7.1.3, 2.7.3, 2.7.3.3, 5.1.1, 5.2.1.1  <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-3, 21, 36, 37, 39, 41, 45, 47, 115, 119 to 121</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.3.2, 2.7.1.3, 2.7.3, 2.7.3.3, 5.1.1, 5.2.1.1  <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-4, PH2-5, 21, 22, 24, 26, 30, 33, 34, PH5-1, 5 to 7</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,167,021		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.6.1, 2.6.3, 5.1.1, 5.4, 5.5.1 <i>Figs.:</i> 2.1-1, 2.4-1 <i>Table:</i> 5.4-1 <i>Pages:</i> PH1-1, 4, 10 to 12, 14, PH2-1, 17, PH5-1, 40, 41
6,172,961	KR 279,113; TW 133,619	1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4 <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2 <i>Pages:</i> PH-115, 119 to 121, 123  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 5.1.1, 5.2.1.1, 5.2.4 <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2 <i>Pages:</i> PH5-1, 5 to 7, 9
6,215,759	KR 278,521	1	DVD RAM, Part 1 (v.1): <i>Secs.</i> 1.1, 1.2, 1.5, 1.5.35, 1.5.60, 1.5.61, 2.3.3, 5.1.3, 5.1.4, 5.2.1.1, 5.2.2 to 5.2.4, 5.3 <i>Fig.:</i> 5.2.1.1-1 <i>Tables:</i> 5.1.4-1, 5.5.5-1 <i>Pages:</i> PH-1 to 3, 13, 21, 116, 117, 119, 120, 122, 123, 141-1, 159  DVD RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.3, 5.1.3, 5.1.4, 5.2.1.1, 5.2.2 to 5.2.4, 5.3 <i>Fig.:</i> 5.2.1.1-1 <i>Tables:</i> 5.1.4-1, 5.5.5-1 <i>Pages:</i> PH1-1, 3, 3-2, 4, 11, 15, PH2-5, PH5-1, 3, 5, 6, 8, 9, 27, 47

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,259,658	KR 386,531; TW 127,995	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.5.38, 1.5.49, 2.6.3, 5.1, 5.1.1, 5.1.2, 5.2.1, 5.2.1.1, 5.2.1.2, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.2-2  <i>Pages:</i> PH-1, 10, 11, 32, 115, 119 to 121, 123</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.5, 2.6.3, 5.1, 5.1.1, 5.1.2, 5.2.1, 5.2.1.1, 5.2.1.2, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 11, 13, PH2-17, PH5-1, 5 to 7, 9</p>
6,351,448		1	<p><b>DVD RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.5.35, 1.5.60, 1.5.61, 2.3.3, 5.1.3, 5.1.4, 5.2.1.1, 5.2.2 to 5.2.4, 5.3  <i>Fig.:</i> 5.2.1.1-1  <i>Tables:</i> 5.1.4-1, 5.5.5-1  <i>Pages:</i> PH-1, 2, 2-2, 10, 13, 21, 116, 117, 119, 120, 122, 123, 141-1, 159</p> <p><b>DVD RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.5, 2.3.3, 5.1.3, 5.1.4, 5.2.1.1, 5.2.2 to 5.2.4, 5.3  <i>Fig.:</i> 5.2.1.1-1  <i>Tables:</i> 5.1.4-1, 5.5.5-1  <i>Pages:</i> PH1-1, 3, 3-2, 11, 15, PH2-5, PH5-1 to 3, 5, 6, 8, 9, 27, 47</p>
6,385,744		13	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.3.2, 2.7.1.3, 5.1.1, 5.1.3, 5.2.1.1, 5.2.2, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.7, 5.2.11.8, 5.5.5  <i>Annex:</i> K, R, R.4, R.4.2  <i>Figs.:</i> 5.2.1.1-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.8-1  <i>Pages:</i> PH1-1, PH2-5, 21, PH5-1, 2, 5, 6, 8, 9, 14, 15, 20, 22, 46, PHX-K1, R1, R17</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,473,381		1	<p><b>DVD RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.9.2.2, 2.9.2.2.1, 5.2.1, 5.2.1.1, 5.2.2 to 5.2.4, 5.2.10, 5.3, 5.3.5  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-1, 2-2, 57, 119, 120, 122, 123, 127, 141-1, 143</p> <p><b>DVD RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.9.2.2, 2.9.2.2.1, 5.2.1, 5.2.1.1, 5.2.2 to 5.2.4, 5.2.10, 5.3, 5.3.5  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH1-1, 3-1, PH2-48, PH5-5, 6, 8, 9, 13, 27, 30</p>
6,493,302		1	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.5, 5.1.4, 5.2.1, 5.2.1.1, 5.2.1.2, 5.2.4, 5.2.11, 5.2.11.7 to 5.2.11.9, 5.6.1  <i>Annex:</i> R.4.2  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2, 5.2.11-1, 5.2.11.7-1, 5.2.11.8-1  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH1-8, 13, 15, PH5-2, 3, 5 to 7, 9, 14, 20, 22, 23, 40, 48, PHX-R17</p>
6,560,181	TW 157,498	1	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 5.1.1.1, 5.1.3, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.5.5  <i>Figs.:</i> 5.2.11.1-1, 5.2.11.7-1  <i>Tables:</i> 5.1.4-1, 5.2.11.2-2  <i>Pages:</i> PH1-1, PH5-2, 3, 14, 15, 17, 20, 46</p>
6,600,710		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.9.2.2, 2.9.2.2.1, 5.2.1, 5.2.1.1, 5.2.2 to 5.2.4, 5.2.10, 5.3  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2(b)  <i>Pages:</i> PH-1, 2-2, 57, 119 to 123, 127, 141-1, 143</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.9.2.2, 2.9.2.2.1, 5.2.1, 5.2.1.1, 5.2.2 to 5.2.4, 5.2.10, 5.3  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2(b)  <i>Pages:</i> PH1-1, 3-1, PH2-48, PH5-5 to 9, 13, 27, 30</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,625,092	CN ZL 98114863.8; EP 886,265 (DE, FR, GB) (Lapsed in NL)	1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.38, 1.5.49, 2.6.3, 5.1, 5.1.1, 5.1.2, 5.2.1, 5.2.1.1, 5.2.1.2, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 10, 11, 32, 115, 119 to 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.6.3, 5.1, 5.1.1, 5.1.2, 5.2.1, 5.2.1.1, 5.2.1.2, 5.2.4  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 11, 13, PH2-17, PH5-1, 5 to 7, 9</p>
6,657,937		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.9.2.2, 2.9.2.2.1, 5.2.1, 5.2.1.1, 5.2.2 to 5.2.4, 5.2.10, 5.3, 5.3.5  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-1, 2-2, 57, 119, 120, 122, 123, 127, 141-1, 143</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.9.2.2, 2.9.2.2.1, 5.2.1, 5.2.1.1, 5.2.2 to 5.2.4, 5.2.10, 5.3, 5.3.5  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH1-1, 3-1, PH2-48, PH5-5, 6, 8, 9, 13, 27, 30</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,674,708		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.9.2.2, 2.9.2.2.1, 5.1.3, 5.2.1, 5.2.1.1, 5.2.2 to 5.2.4, 5.2.10, 5.3, 5.3.5  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-1, 2-2, 57, 116, 117, 119 to 123, 127, 141-1, 143</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.9.2.2, 2.9.2.2.1, 5.1.3, 5.2.1, 5.2.1.1, 5.2.2 to 5.2.4, 5.2.10, 5.3, 5.3.5  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH1-1, 3-1, PH2-48, PH5-2, 3, 5 to 9, 13, 27, 30</p>
6,741,534		1	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 5.1.1, 5.1.3, 5.5.3, 5.5.4, 5.5.5, 5.6.2, 5.6.3, 5.6.4, 5.6.5  <i>Figs.:</i> 5.6.2-1, 5.6.3-1  <i>Tables:</i> 5.1.4-1, 5.4-1, 5.5.3-1, 5.5.4-1, 5.5.5-1, 5.6.4-1, 5.6.5-1  <i>Pages:</i> PH1-1, PH5-1, 3, 40, 42, 43, 45 to 47, 49 to 54, 56</p>
6,747,942		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 5.2.1.1, 5.2.1.2, 5.4, 5.5, 5.5.1, 5.7.1.5, 5.7.1.5.1, 5.7.1.5.1.1  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2, 5.2.1.2-1, 5.5.1-1, 5.7.1.5-1  <i>Tables:</i> 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH-1, 119 to 121, 152 to 154, 174 to 177</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 5.2.1.1, 5.2.1.2, 5.4, 5.5, 5.5.1, 5.7.1.5, 5.7.1.5.1, 5.7.1.5.1.1, 5.7.1.5.3  <i>Figs.:</i> 5.2.1.1-1, 5.2.1.1-2, 5.2.1.2-1, 5.5.1-1, 5.7.1.5-1  <i>Tables:</i> 5.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-1, PH5-5 to 7, 39 to 41, 62, 63, 65 to 67, 90</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM DISC PATENTS

TOSHIBA ESSENTIAL DVD-RAM DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,781,939		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.9.2.2, 2.9.2.2.1, 5.2.1, 5.2.1.1, 5.2.2 to 5.2.4, 5.2.10, 5.3, 5.3.5  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-1, 2-2, 57, 119, 120, 122, 123, 127, 141-1, 143</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.9.2.2, 2.9.2.2.1, 5.2.1, 5.2.1.1, 5.2.2 to 5.2.4, 5.2.10, 5.3, 5.3.5  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH1-1, 3-1, PH2-48, PH5-5, 6, 8, 9, 13, 27, 30</p>
7,042,822		1	<p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 5.1.1.1, 5.1.3, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.5.5, 5.6.3  <i>Annex:</i> R.4.1  <i>Figs.:</i> 5.2.11.1-1, 5.2.11.7-1  <i>Tables:</i> 5.1.4-1, 5.2.11.2-2  <i>Pages:</i> PH1-1, PH5-2, 3, 14, 15, 17, 20, 46, 50, PHX-R17</p>
RE 38,643		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.2, 1.5.54, 1.5.56, 1.5.57, 2.1, 2.3.2, 2.3.5, 2.5, 2.5.1, 2.5.3, 2.5.5b, 2.6.9, 5.1.1, 5.2.11, 5.2.11.1, 5.7.1.3  <i>Annex:</i> O.2  <i>Figs.:</i> 2.1-1, 2.5.1-1, 2.5.3-1, 2.7.1.3-6, 2.7.1.3-7  <i>Pages:</i> PH-3, 12, 17, 21, 22, 29 to 32, 40, 115, 128, 173, PHX-28</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.2, 1.5, 2.1, 2.3.2, 2.3.5, 2.5, 2.5.1, 2.5.3, 2.5.5b, 2.6.9, 5.1.1, 5.2.11, 5.2.11.1, 5.7.1.3  <i>Annex:</i> O.2  <i>Figs.:</i> 2.1-1, 2.5.1-1, 2.5.3-1, 2.7.1.3-6, 2.7.1.3-7  <i>Pages:</i> PH1-4, 14, PH2-1, 5, 14, to 16, 18, 25, PH5-1, 14, 61, PHX-O2</p>