

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

HITACHI ESSENTIAL DVD-RAM RECORDING 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
4,894,816		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 2.3.2, 2.8.1.1.2.1, 2.8.1.2, 2.8.1.2.3 to 2.8.1.2.6, 5.7.1.5.1 <i>Fig.:</i> 2.8.3-1 <i>Tables:</i> 2.8.1.2.3-1, 2.8.1.2.5-1, 5.7.1.5.1-1 <i>Pages:</i> PH2-5, 39 to 44, PH5-63, 64, 75 to 83

\* 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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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>
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>

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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><b>DVD-RAM, Part 1 (v.1):</b>  <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><b>DVD-RAM, Part 1 (v.2):</b>  <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, 40-3, 41, 42, 46-2, PH5-27, 28</p>
5,732,061		11	<p><b>DVD-RAM, Part 1 (v.2):</b>  <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><b>DVD-RAM, Part 1 (v.1):</b>  <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><b>DVD-RAM, Part 1 (v.2):</b>  <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
5,878,021		19	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 2.3.2, 2.8.1.2.1, 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-21, 52, 119, 120, 127, 139  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 2.3.2, 2.8.1.1.2.1, 5.2.1.1, 5.2.8, 5.2.9, 5.2.13 <i>Fig:</i> 5.2.1.1-1 <i>Pages:</i> PH2-5, 39, PH5-5, 6, 13, 25
5,953,299	CN ZL 97113176.7; KR 399,655	3	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  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
5,974,023		1	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> PH-119, 120, 127, 139  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

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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
(5,974,581) *	CN ZL 96105518.9	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 2.7.1, 5.1.1, 5.1.3, 5.2.11, 5.2.11.2, 5.2.11.7 to 5.2.11.9, 5.7.1.2 to 5.7.1.5  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.9-1, 5.7.1.1-1  <i>Tables:</i> 5.2.11.2-1, 5.2.11.9-1  <i>Pages:</i> PH-1, 35, 115, 116, 128, 129, 131, 134, 136 to 138, 172 to 174</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 2.7, 2.7.1, 5.1.1, 5.1.3, 5.2, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7 to 5.2.11.9, 5.7.1.2 to 5.7.1.5  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1, 5.2.11.9-1, 5.7.1.1-1  <i>Tables:</i> 5.2.11.2-1, 5.2.11.9-1  <i>Pages:</i> PH1-1, PH2-20, PH5-1, 2, 14 to 17, 20, 22 to 24, 60 to 62</p>
5,983,387	KR 239,236	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <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  <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</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <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  <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</p>

\* U.S. Patent No. 5,974,581 is essential for DVD-RAM for disc, but its non-U.S. counterpart (CN ZL 96105518.9) has claims directed to disc and recording.

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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
6,076,184		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  <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</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  <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</p>
6,140,028		30	<p>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</p> <p>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</p>
6,160,784	CN ZL 99111989.4; CN ZL 200410007065.5	9	<p>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</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
6,195,316		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
6,236,635		1	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>Figs.:</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 PH5-72
6,307,825		1	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, 5.2.2, 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  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, 5.3 <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

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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
6,314,075		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <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><b>DVD-RAM, Part 1 (v.2):</b>  <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, 3-1, 3-2, 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>
6,385,153		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, 2.8.1.1.2.1, 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>

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6,404,716		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.1, 2.3.2, 2.8, 2.8.1.2.3, 2.8.1.2.5, 5.7.1.5.1 <i>Fig.:</i> 2.1-1 <i>Table:</i> 5.7.1.5.1-1 <i>Pages:</i> PH1-1,10, 11, 13, PH2-1, 5, 39, 40-2, 40-3, 43, PH5-63, 83, 84
6,430,132		1	DVD-RAM Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.1, 2.8, 2.8.1.2.3, 2.8.1.2.5, 5.7.1.5.1 <i>Fig.:</i> 2.1-1 <i>Table:</i> 5.7.1.5.1-1 <i>Pages:</i> PH1-1, 10, 11, 13, PH2-1, 39, 40-2, 40-3, 43, PH5-63, 75, 77
6,430,134		1	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, 5.3 <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  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, 5.3 <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
6,430,146		1	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  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, 12, 30

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HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,480,451		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, 2.7.1.2.5, 2.8.1.2.1, 2.8.1.2.4, 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, 5.2.12, 5.2.13, 5.7.1.5.1  <i>Annex:</i> F  <i>Figs.:</i> 1.5-1, 5.2.1.1-1, F-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-1, 2-2, 3, 6, 9, 10, 21, 35, 52 to 54, 119, 120, 127, 128, 139, 175, 180 to 187, PHX-9</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.3.7, 2.3.8, 2.8.1.1.2.1, 2.8.1.2.2.3, 2.8.1.2.2.5, 2.8.1.2.2.6, 2.8.1.2.3, 2.8.1.2.4, 5.2.1.1, 5.7.1.5.1, 5.7.1.5.1.2, 5.2.8, 5.2.9, 5.2.11, 5.2.12, 5.2.13, 5.7.1.5.1, 5.7.1.5.1.2  <i>Figs.:</i> 1.5-1, 2.8.3-1, 5.2.1.1-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-3, 4, 11, 15, PH2-5, 7, 9, 39, 40-2, 40-3, 41, 42, 46-2, PH5-5, 6, 13, 14, 25, 63, 70 to 90</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,480,452		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, 2.7.1.2.5, 2.8.1.2.1, 2.8.1.2.4, 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, 5.2.12, 5.2.13, 5.7.1.5.1  <i>Annex:</i> F  <i>Figs.:</i> 1.5-1, 5.2.1.1-1, F-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-1, 2-2, 3, 6, 9, 10, 21, 35, 52 to 54, 119, 120, 127, 128, 139, 175, 180 to 187, PHX-9</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.3.7, 2.3.8, 2.8.1.1.2.1, 2.8.1.2.2.3, 2.8.1.2.2.5, 2.8.1.2.2.6, 2.8.1.2.3, 2.8.1.2.4, 5.2.1.1, 5.7.1.5.1, 5.7.1.5.1.2, 5.2.8, 5.2.9, 5.2.11, 5.2.12, 5.2.13, 5.7.1.5.1, 5.7.1.5.1.2  <i>Figs.:</i> 1.5-1, 2.8.3-1, 5.2.1.1-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-3, 4, 11, 15, PH2-5, 7, 9, 39, 40-2, 40-3, 41, 42, 46-2, PH5-5, 6, 13, 14, 25, 63, 70 to 90</p>
6,483,794		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, 5.2.12, 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><b>DVD-RAM, Part 1 (v.2):</b>  <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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,487,156		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, 2.7.1.2.5, 2.8.1.2.1, 2.8.1.2.4, 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, 5.7.1.5.1  <i>Annex:</i> F  <i>Figs.:</i> 1.5-1, 5.2.1.1-1, F-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-1, 2-2, 3, 6, 9, 10, 21, 35, 52 to 54, 119, 120, 127, 128, 139, 175, 180 to 187, PHX-9</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.3.7, 2.3.8, 2.8.1.1.2.1, 2.8.1.2.2.3, 2.8.1.2.2.5, 2.8.1.2.2.6, 2.8.1.2.3, 2.8.1.2.4, 5.2.1.1, 5.7.1.5.1, 5.7.1.5.1.2, 5.2.8, 5.2.9, 5.2.11, 5.2.13, 5.7.1.5.1, 5.7.1.5.1.2  <i>Figs.:</i> 1.5-1, 2.8.3-1, 5.2.1.1-1  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-3, 4, 11, 15, PH2-5, 7, 9, 39, 40-2, 40-3, 41, 42, 46-2, PH5-5, 6, 13, 14, 25, 63, 70 to 90</p>
6,493,295		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <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><b>DVD-RAM, Part 1 (v.2):</b>  <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 RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING 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><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, 5.2.12, 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><b>DVD-RAM, Part 1 (v.2):</b>  <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>
6,542,448		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <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><b>DVD-RAM, Part 1 (v.2):</b>  <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 RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,545,960		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.2, 2.1, 2.7.1.2.4, 2.7.1.2.5, 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, 2.7.1.3-1, 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, 35 to 37, 115 to 121, 127, 152, 153</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.2, 2.1, 2.7.1.2.4, 2.7.1.2.5, 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, 2.7.1.3-1, 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, 20 to 22, PH5-1, 2 to 7, 13, 39, 40</p>
6,552,978		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <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><b>DVD-RAM, Part 1 (v.2):</b>  <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 RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,580,673		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, 5.2.14, 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, 17, 53, 115, 119, 120, 122, 127, 128, 139, 141-1, PHX-29</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, 5.2.14, 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>
6,580,686	CN ZL 97104679.4; CN ZL 200310103557.X; CN ZL 200310103558.4	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5.27, 2.1, 2.6.1, 2.7.1.2.4, 2.7.1.2.5, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 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, 9, 17, 32, 35 to 37, 115 to 121, 127, 152, 153</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.6.1, 2.7.1.2.4, 2.7.1.2.5, 5.1.1, 5.1.3, 5.1.5, 5.2.1.1, 5.2.7, 5.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 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, 10, PH2-1, 5, 17, 20 to 22, PH5-1 to 7, 13, 39, 40</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
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>
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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,996,036		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>
7,009,923		1	<p>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, PH2-41, PH2-42, PH5-70 - 72, 75-83</p>
7,012,871		2	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.8.1.2.3, 2.8.1.2.4, 2.8.3, 5.7.1.5.1.2  <i>Figs.:</i> 2.1-1, 2.7.4.2-1, 2.8.3-1  <i>Pages:</i> 3-2, 7, 10, 11, 13, 15, 46-2, PH1-1, 3, 4, PH2-1, 36, 37, 40-2, 42, 46-2, PH5-30, 69-2 to 72, 70, 71</p>
7,042,823		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.8.1.2.3, 2.8.1.2.4, 2.8.3, 5.7.1.5.1.2  <i>Figs.:</i> 2.1-1, 2.8.3-1  <i>Pages:</i> 3-2, 7, 10, 11, 13, 15, 46-2, PH1-1, 3, 4, PH2-1, 40-2, 42, 46-2, PH5-69-2, 70, 71</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING 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 RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING 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 RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
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>
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>Fig.:</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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
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>
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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
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>
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 RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING 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 RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING 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><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, 5.2.8, 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><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, 5.2.8, 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><b>DVD-RAM, Part 1 (v.1):</b>  <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><b>DVD-RAM, Part 1 (v.2):</b>  <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 RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,099,263		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, 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, PH2-1, 5, PH5-5 to 9, 11, 12</p>
7,154,826		4	<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> 3.1.1-1  <i>Pages:</i> OS1-1, 3, OS2-2, 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>Pages:</i> OS1-1, 3, OS2-2, 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>Pages:</i> OS1-1, 3, OS2-2, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING 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)(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>Pages:</i> OS1-1, 3, OS2-2, 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>Pages:</i> OS1-1, 3, OS2-2, 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 RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING 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		1	<p><b>DVD-RAM, Part 1 (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> 3.1.1-1  <i>Pages:</i> OS1-1, 3, OS2-2, 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 (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>Pages:</i> OS1-1, 3, OS2-2, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p> <p><b>DVD-RAM, Part 1 (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>Pages:</i> OS1-1, 3, OS2-2, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p> <p><b>DVD-RAM, Part 1 (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>Pages:</i> OS1-1, 3, OS2-2, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

HITACHI ESSENTIAL DVD-RAM RECORDING 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 (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>Annexes:</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>Pages:</i> OS1-1, 3, OS2-2, 8, 10, 15, OS3-1 to 4, 28, OSX-A5, A7, A9, A11

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

JVC ESSENTIAL DVD-RAM RECORDING 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>
5,862,115	EP 655,739 (DE, FR, GB)	8	<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 RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING 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.2):  <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, PH5-23, 24, PH 5-27</p>
4,993,029		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.3.2, 2.7.1.3, 2.8.2(b), 5.2.11, 5.2.11.1, 5.2.11.6  <i>Figs.:</i> 2.8.2-1, 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-2-2, 21, 36, 54, 55, 128, 129, 133</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.3.2, 2.7.1.3, 2.8.2(b), 5.2.11, 5.2.11.1, 5.2.11.6  <i>Figs.:</i> 2.8.2-1, 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> PH1-3-1, PH2-5, 21, 46, PH5-14, 15, 19</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,446,723	CA 2,271,543; CN ZL 95101436.6; KR 114,458	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <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><b>DVD-RAM, Part 1 (v.2):</b>  <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>
5,537,652	CA 2,045,948; MY 110,229	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> 2.5.1-1, 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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,561,656	EP 713,213 (DE, FR, GB); KR 184,628	1	<p>DVD-RAM, Part 1 (v.1):  <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>DVD-RAM, Part 1 (v.2):  <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>
5,859,820		8	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.3.2, 2.3.5, 5.1.1, 5.2.1.1  <i>Annex:</i> L  <i>Figs.:</i> 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-2  <i>Pages:</i> PH-21, 22, 39, 41, 115, 119, 121, PHX-19</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.3.2, 2.3.5, 5.1.1, 5.2.1.1  <i>Annex:</i> L  <i>Figs.:</i> 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-2  <i>Pages:</i> PH2-5, 6, 24, 26, PH5-1, 5, 7, PHX-L1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING 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		12	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.7.1.2.4, 2.7.3.3, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.4  <i>Figs.:</i> 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-35, 39, 47, 115 to 117, 119 to 121, 124</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.7.1.2.4, 2.7.3.3, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.4  <i>Figs.:</i> 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> PH2-20, 24, 33, PH5-1 to 3, 5 to 7, 9</p>
5,936,932	DE 19,714,239; GB 2,311,644; GB 2,320,362; HK 1,002,789; HK 1,011,574; KR 263,678; TW 91,842	5	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 5.1.1, 5.1.6, 5.2.4  <i>Fig.:</i> 5.2.1.1-2  <i>Pages:</i> PH-115, 118, 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 5.1.1, 5.1.6, 5.2.4  <i>Fig.:</i> 5.2.1.1-2  <i>Pages:</i> PH5-1, 4, 7, 9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING 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		5	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.6.3, 2.7.1.2.4, 2.7.2.1, 5.1.1, 5.1.3, 5.2.1.1  <i>Annex:</i> L  <i>Figs.:</i> 2.7.1.3-5, 5.2.1.1-2  <i>Pages:</i> PH-1, 32, 35, 36, 39, 42, 115 to 117, 119 to 121, PHX-19</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.6.3, 2.7.1.2.4, 2.7.2.1, 5.1.1, 5.1.3, 5.2.1.1  <i>Annex:</i> L  <i>Figs.:</i> 2.7.1.3-5, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-17, 20, 24, PH5-1 to 3, 5, 7, PHX-L1</p>
6,069,869	DE 19,649,970; DE 19,655,193; GB 2,307,770; HK 1,009,354	2	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.3.2, 2.5.5, 2.6.3, 2.7.1.3, 2.7.1.2.3, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.4  <i>Figs.:</i> 2.7.1.3-1, 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-21, 29, 32, 35, 36, 37, 39, 115 to 117, 119 to 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.3.2, 2.5.5, 2.6.3, 2.7.1.3, 2.7.1.2.3, 5.1.1, 5.1.3, 5.1.4, 5.2.1.1, 5.2.4  <i>Figs.:</i> 2.7.1.3-1, 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> PH2-5, 17, 24, PH5-1 to 3, 5 to 7, 9, 14, 20 to 22</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING 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 2,312,320; HK 1,002,884; KR 284,842	13	<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> 2.3.2, 2.7.1.2.3, 2.7.1.3, 5.2.1.1, 5.2.3  <i>Figs.:</i> 2.7.1.3-1, 5.2.1.1-1  <i>Pages:</i> PH-21, 35 to 37, 119, 120, 122</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.3.2, 2.7.1.2.3, 2.7.1.3, 5.2.1.1, 5.2.3  <i>Figs.:</i> 2.7.1.3-1, 5.2.1.1-1  <i>Pages:</i> PH2-5, 20 to 22, PH5-5, 6, 8</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,151,292		7	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.3.2, 5.1.1, 5.1.6, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.5.5  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1  <i>Table:</i> 5.2.11.2-1  <i>Pages:</i> PH-2-2, 3, 21, 115, 118, 128, 129, 131, 135, 158</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.3.2, 5.1.1, 5.1.6, 5.2.11, 5.2.11.1, 5.2.11.2, 5.2.11.7, 5.5.5  <i>Figs.:</i> 5.2.11-1, 5.2.11.1-1, 5.2.11.7-1  <i>Table:</i> 5.2.11.2-1  <i>Pages:</i> PH1-3-1, 4, PH2-5, PH5-1, 4, 14 to 17, 20, 46</p>
6,163,522		3	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 2.6.3, 2.7.1.3, 5.1.1, 5.1.3, 5.1.6, 5.2.1.1, 5.2.4  <i>Figs.:</i> 2.7.1.3-2, 2.7.1.3-5, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-17, 32, 36, 37, 39, 115 to 119, 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 2.6.3, 2.7.1.3, 5.1.1, 5.1.3, 5.1.6, 5.2.1.1, 5.2.4  <i>Figs.:</i> 2.7.1.3-2, 2.7.1.3-5, 5.2.1.1-2  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH2-1, 17, 21, 22, 24, PH5-1 to 5, 7, 9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING 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>DVD-RAM, Part 1 (v.1):  <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>DVD-RAM, Part 1 (v.2):  <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>
6,463,021		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) <sup>†</sup>	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>

<sup>†</sup> U.S. Patent No. 6,469,978 is essential for DVD-RAM for disc, but its non-U.S. counterparts (GB 2,332,555, HK 1,025,178, KR 280,658, and TW 125,097) have claims directed to disc, playback, and recording, and the non-U.S. counterpart (DE 19,859,529) has claims directed to disc and recording.

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,493,303		2	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
6,493,306		1	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.1, 1.2, 1.5.48, 1.5.55, 2.3.2, 2.3.5, 2.7.1.2.3, 2.7.1.3, 2.7.3, 2.7.3.3, 2.7.4.2, 5.1.1, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.4, 5.2.11.9 <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-2, 2.7.1.3-4, 2.7.1.3-5, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2, 5.2.11.9-1 <i>Pages:</i> PH-1, 3, 11, 12, 21, 22, 35 to 39, 45, 47, 49, 50, 115, 116, 119 to 121, 123, 137  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.3.5, 2.7.1.2.3, 2.7.1.3, 2.7.3, 2.7.3.3, 2.7.4.2, 5.1.1, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.4, 5.2.11.9 <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-2, 2.7.1.3-4, 2.7.1.3-5, 2.7.4.2-1, 5.2.1.1-1, 5.2.1.1-2, 5.2.11.9-1 <i>Pages:</i> PH1-1, 4, 13, 14, PH2-5, 6, 20 to 24, 30, 33, 36, 37, PH5-1, 2, 5 to 7, 9, 23

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING 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		12	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 1.5.9, 1.5.14, 1.5.48, 2.1, 2.3.2, 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-2-2, 3, 7, 11, 17, 21, 118, 128, 129, 131, 134, 158, 172, 174 to 177</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.1, 2.3.2, 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> PH1-3-2, 4, 8, 13, PH2-1, 5, PH5-4, 14, 15, 17, 20, 46, 60, 62, 63, 65, 66</p>
6,621,782	DE 19,936,840; GB 2,340,294; GB 2,356,735	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>
	DE 10,007,781	DE claim 5	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.3.2, 2.3.5, 2.7.1.2.3, 2.7.1.3, 2.7.3.3, 5.2.1.1  <i>Annex:</i> U, U.1  <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-5, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-5, 6, 20 to 22, 24, 33, PH5-5, 7, PHX-U1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
	GB 2,307,589	GB claim 16	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 2.6.3, 2.7.1.2.3, 2.7.1.2.4, 2.7.3.3, 5.1.1 <i>Figs.:</i> 2.7.1.3-5, 2.7.1.3-8 <i>Pages:</i> PH2-2, 17, 24, 26, 32, 33, 35, 115  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 2.6.3, 2.7.1.2.3, 2.7.1.2.4, 2.7.3.3, 5.1.1 <i>Figs.:</i> 2.7.1.3-5, 2.7.1.3-8 <i>Pages:</i> PH1-3-1, PH2-1, 17, 20, 24, 26, 33, PH5-1
	GB 2,347,552	GB claim 5	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.3.2, 2.3.5, 2.7.1.2.3, 2.7.1.3, 2.7.3.3, 5.2.1.1 <i>Annex:</i> U, U.1 <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-5, 5.2.1.1-2 <i>Pages:</i> PH1-1, PH2-5, 6, 20 to 22, 24, 33, PH5-5, 7, PHX-U1
	KR 356,402	KR claim 2	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.3.2, 2.3.5, 2.7.1.2.3, 2.7.1.3, 2.7.3.3, 5.2.1.1 <i>Annex:</i> U, U.1 <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-2 <i>Pages:</i> PH1-1, PH2-5, 6, 20 to 24, 26, 33, PH5-5, 7, PHX-U1
	TW 159,334 (494,396)	TW claim 5	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.3.2, 2.3.5, 2.7.1.2.3, 2.7.1.3, 2.7.3.3, 5.2.1.1 <i>Annex:</i> U, U.1 <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-5, 5.2.1.1-2 <i>Pages:</i> PH1-1, PH2-5, 6, 20 to 22, 24, 33, PH5-5, 7, PHX-U1

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

MITSUBISHI/PANASONIC ESSENTIAL DVD-RAM PLAYBACK 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	5	<p>DVD-RAM, Part 1 (v.1):</p> <p><i>Secs.:</i> 1.1, 1.2, 1.5.32, 1.5.37, 2.1, 2.1.7.1.2.3, 2.3.2, 2.6.9, 2.7.1.3, 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</p> <p><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</p> <p><i>Table:</i> 5.1.4-1</p> <p><i>Pages:</i> PH-1 to 3, 9, 10, 18, 21, 32, 35, 36, 39, 115 to 117, 119 to 123, 125 to 128, 137, 141-1, 143</p> <p>DVD-RAM, Part 1 (v.2):</p> <p><i>Secs.:</i> 1.1, 1.2, 1.5, 2.1.7.1.2.3, 2.3.2, 2.6.9, 2.7.1.3, 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</p> <p><i>Figs.:</i> 1.5-1, 2.1-1, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2</p> <p><i>Table:</i> 5.1.4-1</p> <p><i>Pages:</i> PH1-1, 3-1, 4, 10, 11, PH2-1, 5, 17, 20, 21, 24, PH5-1, 2, 3, 5 to 14, 23, 27</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
4,425,637		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.2, 2.1, 2.3.2, 2.3.3, 2.8.1.2.1, 2.8.1.3, 2.8.1.3.1, 5.1.4, 5.3.1, 5.7.1.5.1  <i>Annex:</i> F  <i>Fig.:</i> F-1  <i>Tables:</i> 5.1.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH-3, 17, 21, 52, 53, 116, 117, 141-2, 175, PHX-9</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.2, 2.1, 2.3.2, 2.3.3, 2.8.1.2, 2.8.1.1.2.1, 2.8.1.2.3, 2.8.3, 5.1.4, 5.3.1, 5.7.1.5.1  <i>Fig.:</i> 2.8.3-1  <i>Tables:</i> 5.1.4-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-4, PH2-1, 5, 39 to 41, 46-2, PH5-2, 3, 28, 63, 64</p>
4,630,140	EP 124,770 (DE, FR, GB)	1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 2.3.2, 5.1.1, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.2  <i>Figs.:</i> 5.2.1.1-1, 5.2.11-1, 5.2.11.1-1  <i>Table:</i> 5.2.11.2-1  <i>Pages:</i> PH-21, 115, 119, 120, 123, 128, 129, 131</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 2.3.2, 5.1.1, 5.2.1.1, 5.2.4, 5.2.11, 5.2.11.1, 5.2.11.2  <i>Figs.:</i> 5.2.1.1-1, 5.2.11-1, 5.2.11.1-1  <i>Table:</i> 5.2.11.2-1  <i>Pages:</i> PH2-5, PH5-1, 5, 6, 9, 14, 15, 17</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING 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		1	<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>
4,841,498		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.3.2, 2.8.1.2, 2.8.1.3, 2.8.1.3.2, 5.1.1, 5.1.3, 5.1.6, 5.2.1, 5.2.4, 5.2.11, 5.2.11.2, 5.5.5, 5.6.3, 5.6.5  <i>Annex:</i> K  <i>Figs.:</i> 2.7.1.3-2, 5.2.11.1-1, 5.6.3-1  <i>Tables:</i> 5.2.11.2-1, 5.5.5-1  <i>Pages:</i> PH-2, 21, 37, 52 to 54, 115, 116, 118, 119, 123, 128, 129, 131, 158, 159, 161, 162, 164 to 166, PHX-18</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.3.2, 2.8.1.1.2, 2.8.1.2, 2.8.1.2.4, 5.1.1, 5.1.3, 5.1.6, 5.2.1, 5.2.4, 5.2.11, 5.2.11.2, 5.5.5, 5.6.3, 5.6.5  <i>Annex:</i> K  <i>Figs.:</i> 2.7.1.3-2, 5.2.11.1-1, 5.6.3-1  <i>Tables:</i> 5.2.11.2-1, 5.5.5-1  <i>Pages:</i> PH1-3-1, PH2-5, 22, 39, 40, 42, 46, 47, PH5-1, 2, 4, 14, 15, 17, 46, 47, 50, 51, 53 to 56, PHX-K1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
4,939,717	CA 1,285,332; EP 265,971 (DE, FR, GB); KR 41,631	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>
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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
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-1  <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>
5,276,674		4	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.3.2, 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, 20, 29, 30, 32, 115, 134, 137</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.3.2, 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, 5, 14, 15, 18, PH5-1, 20, 23</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
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>
5,388,105		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.8.1.2.2, 2.8.1.3, 2.8.1.3.1, 2.8.1.3.2, 5.1.3, 5.2.1.1, 5.2.11, 5.2.11.7, 5.2.12, 5.2.13  <i>Annex:</i> F  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH-52 to 54, 116, 119, 120, 128, 134, 139, PHX-9</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.8.1.2, 2.8.1.2.3, 2.8.1.2.4, 2.8.3, 5.1.3, 5.2.1.1, 5.2.11, 5.2.11.7, 5.2.12, 5.2.13  <i>Fig.:</i> 5.2.1.1-1  <i>Pages:</i> PH2-40 to 42, 46-2, PH5-2, 5, 6, 14, 20, 25</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,404,357		3	<p>DVD-RAM, Part 1 (v.1):  <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>DVD-RAM, Part 1 (v.2):  <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 RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,448,551		13	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5.1, 1.5.36, 1.5.37, 1.5.42, 1.5.44, 2.3.3, 2.3.6, 2.3.8, 2.6.1, 2.6.2, 2.7.1.2.4, 2.7.1.2.5, 2.7.1.3, 2.7.2.1, 2.7.2.2, 2.8.1.2, 2.8.1.2.1, 2.8.1.2.2, 2.8.1.2.4, 2.8.1.3, 2.8.1.3.1, 2.8.1.3.2, 2.9.1.2.1, 2.9.1.2.6, 5.1.1, 5.1.2, 5.1.4, 5.7.1.5  <i>Annex:</i> F, R, R.1.3.3  <i>Figs.:</i> 2.3.8-1, 2.7.1.3-1, F-1  <i>Tables:</i> 5.1.4-1, 5.4-1, 5.7.1.5.1-1 (BP 50, 51, 57 to 59, 65)  <i>Pages:</i> PH-1, 3, 6, 10, 11, 21, 23, 25, 26, 32, 35 to 37, 42, 52 to 54, 56, 57, 115 to 117, 153, 174, 175, 180, 183, 184, 187, PHX-9, 33</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.3, 2.3.6, 2.3.8, 2.6.1, 2.6.2, 2.7.1.2.4, 2.7.1.2.5, 2.7.1.3, 2.7.2.1, 2.7.2.2, 2.8.1.1.2, 2.8.1.1.2.1, 2.8.1.1.2.2, 2.8.1.1.2.4, 2.8.1.2, 2.8.1.2.3, 2.8.1.2.4, 2.9.1.2.1, 2.9.1.2.6, 5.1.1, 5.1.2, 5.1.4, 5.7.1.5  <i>Annex:</i> R, R.1.3.3, U  <i>Figs.:</i> 2.3.8-1, 2.7.1.3-1, 2.8.3-1, 2.8.3-3, U.1-1  <i>Tables:</i> 5.1.4-1, 5.4-1, 5.7.1.5.1-1 (BP 503 to 510)  <i>Pages:</i> PH1-1, 4, 11, 12, PH2-5, 7, 9, 10, 17, 20 to 22, 27, 39 to 43, 46-2, 46-4, 47, 48, PH5-1 to 3, 40, 62, 63, 70 to 72, PHX-R3, U2</p>
5,452,284		31	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.2, 2.3.2, 2.3.5, 2.7.1.3, 2.7.3, 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-3, 21, 115, 119 to 121, 123, 128</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.2, 2.3.2, 2.3.5, 2.7.1.3, 2.7.3, 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> PH1-4, PH2-5, 6, 21, 30, PH5-1, 5 to 7, 9, 14</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
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>
5,568,461		2	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.1, 2.3.2, 2.3.7, 2.3.8, 2.6.1, 2.7.1.2.4, 2.7.1.2.5, 2.7.2.1, 2.8.1.2.4, 2.8.1.3.1, 2.8.1.3.2, 5.1.1, 5.7.1.5.1  <i>Annex:</i> L  <i>Figs.:</i> 2.1-1, 2.7.1.3-8  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-3, 17, 21, 23, 25, 32, 35, 36, 41, 42, 53, 54, 115, 175, 180 to 187, PHX-19</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.1, 2.3.2, 2.3.7, 2.3.8, 2.6.1, 2.7.1.2.4, 2.7.1.2.5, 2.7.2.1, 2.8.1.1.2.4, 2.8.1.2.3, 2.8.1.2.4, 5.1.1, 5.7.1.5.1  <i>Annex:</i> L  <i>Figs.:</i> 2.1-1, 2.7.1.3-8  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-4, PH2-1, 5, 7, 9, 17, 20, 21, 40 to 43, PH5-1, 63, 70 to 72, PHX-L1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING 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		44	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.3.2, 2.3.5, 2.7.1.3, 2.7.3, 5.1.1, 5.2.1.1, 5.2.4, 5.2.11  <i>Figs.:</i> 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-1(b), 5.2.1.1-2  <i>Pages:</i> PH-3, 21, 22, 36, 39, 41, 45, 115, 119 to 121, 123, 128</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.3.2, 2.3.5, 2.7.1.3, 2.7.3, 5.1.1, 5.2.1.1, 5.2.4, 5.2.11  <i>Figs.:</i> 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-1(b), 5.2.1.1-2  <i>Pages:</i> PH1-4, PH2-5, 6, 21, 24, 26, 30, PH5-1, 5 to 7, 9, 14</p>
5,636,194		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 1.5, 2.3.2, 2.8.1.2, 2.8.1.2.3, 2.8.1.2.5, 2.8.1.2.6, 2.8.3, 5.7.1.5.1  <i>Figs.:</i> 2.8.3-1, 2.8.3-2  <i>Tables:</i> 2.8.1.2.5-1, 2.8.3-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-3-1, 4, 10, 11, 13, PH2-5, 40, 40-2, 40-3, 41, 43, 44, 46-2, 46-3, PH5-63, 64, 70 to 90</p>
5,790,487	EP 686,968 (DE, FR, GB); KR 254,155	13	<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>Pages:</i> PH-115, 128, 129, 133</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>Pages:</i> PH5-1, 14, 15, 19</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,808,979		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.3.2, 2.7.4.1, 2.7.4.2  <i>Annex:</i> M.1, M.2  <i>Figs.:</i> 2.1-1, 2.7.4.2-1, M.1-1  <i>Pages:</i> PH-1, 3, 17, 21, 48 to 50, PHX-20, 22</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.3.2, 2.7.4.1, 2.7.4.2  <i>Annex:</i> M.1, M.2  <i>Figs.:</i> 2.1-1, 2.7.4.2-1, M.1-1  <i>Pages:</i> PH1-1, 4, PH2-1, 5, 35 to 37, PHX-M1, M3</p>
5,850,378	CN ZL 01136181.6; EP 712,119 (DE, FR, GB)	4	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.2, 2.3.2, 2.3.5, 2.7.1.3, 2.7.3.3, 2.8.1.3, 2.8.1.3.2, 5.1.1, 5.2.4, 5.7.1.5.1  <i>Annex:</i> F, L  <i>Fig.:</i> 2.7.1.3-8  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-3, 21, 22, 36, 41, 47, 53, 54, 115, 123, 175, 180, 183, 184, 187, PHX-9, 19</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.2, 2.3.2, 2.3.5, 2.7.1.3, 2.7.3.3, 2.8.1.2, 2.8.1.2.4, 2.8.3, 5.1.1, 5.2.4, 5.7.1.5.1  <i>Annex:</i> L  <i>Fig.:</i> 2.7.1.3-8  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-4, PH2-5, 6, 21, 26, 33, 40, 42, 46-2, PH5-1, 9, 63, 70 to 72, PHX-L1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,862,112	ID 9,051; MX 238,839; MY 125,667; SG 34,710 (9611648-8); VN 1,893	1	<p>DVD-RAM, Part 1 (v.1):  <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>DVD-RAM, Part 1 (v.2):  <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>
5,872,750	CA 2,242,161; SG 46,550 (9605844-1)	6	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.3.2, 2.3.7, 2.3.8, 2.7.1.2.3 to 2.7.1.2.5, 2.7.2.1, 2.7.4.2, 2.8.1.2, 2.8.1.2.2, 2.8.1.2.4, 2.8.1.3, 2.9.1.2.6, 5.1.1, 5.2.1.1, 5.2.4, 5.3, 5.3.4, 5.6.3, 5.6.5, 5.6.7  <i>Annex:</i> F, L, R.1  <i>Figs.:</i> 2.4-1, 2.7.1.3-8, 5.2.1.1-2, R.1-1  <i>Table:</i> 5.6.5-1  <i>Pages:</i> PH-1, 2-2, 21, 23, 25, 28, 35, 36, 41, 42, 49, 52, 53, 57, 115, 119, 121, 123, 141-1, 143, 161, 162, 164 to 166, 170, PHX-9, 19, 31, 42</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.3.2, 2.3.7, 2.3.8, 2.7.1.2.3 to 2.7.1.2.5, 2.7.2.1, 2.7.4.2, 2.8.1.1.2, 2.8.1.1.2.2, 2.8.1.1.2.4, 2.8.1.2, 2.8.3, 2.9.1.2.6, 5.1.1, 5.2.1.1, 5.2.4, 5.3, 5.3.4, 5.6.3, 5.6.5, 5.6.7  <i>Annex:</i> L, R.1  <i>Figs.:</i> 2.4-1, 2.7.1.3-8, 5.2.1.1-2, R.1-1  <i>Table:</i> 5.6.5-1  <i>Pages:</i> PH1-1, 3-1, PH2-5, 7, 9, 13, 20, 21, 26, 27, 36, 39, 40, 46-2, 48, PH5-1, 5, 7, 9, 27, 30, 50, 51, 53, 54, 56, 58, 59, PHX-L1, R1, R6</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,021,101		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.3.2, 2.3.5, 2.3.7, 2.3.8, 2.7.1.2.3 to 2.7.1.2.5, 2.7.1.3, 2.7.2.1, 2.7.3.3, 2.7.4.2, 2.8.1.2.3, 2.8.1.2.4, 2.8.1.3, 2.9.1.2.6, 5.1.1, 5.2.1.1, 5.2.4  <i>Annex:</i> L  <i>Figs.:</i> 2.4-1, 2.7.1.3-8, 5.2.1.1-1, 5.2.1.1-2, E-1, F-1  <i>Pages:</i> PH-1, 2-2, 3, 21, 23, 25, 28, 35, 36, 41, 42, 47, 49, 52, 53, 57, 115, 119, 121, 123, PHX-8, 9, 19</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.3.2, 2.3.5, 2.3.7, 2.3.8, 2.7.1.2.3 to 2.7.1.2.5, 2.7.1.3, 2.7.2.1, 2.7.3.3, 2.7.4.2, 2.8.1.1.2.3, 2.8.1.1.2.4, 2.8.1.2, 2.9.1.2.6, 5.1.1, 5.2.1.1, 5.2.4  <i>Annex:</i> L  <i>Figs.:</i> 2.4-1, 2.7.1.3-8, 2.8.3-1, 5.2.1.1-1, 5.2.1.1-2, E-1  <i>Pages:</i> PH1-1, 3-1, 4, PH2-5 to 7, 9, 13, 20, 21, 26, 27, 36, 39, 40, 46-2, 48, PH5-1, 5 to 7, 9, PHX-E1, L1</p>
6,034,932	EP 929,893 (DE, FR, GB); MX 215,265; PH 1-1997-58079; SG 64,533	3	<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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
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.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.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>
6,097,694	EP 977,188 (DE, FR, GB); TW 169,006	13	<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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,128,269	EP 977,186 (DE, FR, GB); MY 116,984	5	<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>
6,130,867	EP 977,185 (DE, FR, GB)	3	<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>
6,157,600	CA 2,309,696; CN ZL 99801607.1; EP 986,053 (DE, FR, GB, AL, LT, LV, MK, RO, SI); KR 365,661	1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.3.2, 2.7.1.2.3, 2.7.1.2.4, 2.7.1.3, 2.7.2, 2.7.2.1, 2.7.3.3a, 5.1.1, 5.2.1.1  <i>Annex:</i> U, U.1  <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-3, 2.7.1.3-4, 5.2.1.1-2, U.1-1  <i>Pages:</i> PH2-5, 20, 21, 22, 23, 27, 34, PH5-1, 5, 7, PHX-U1, U2</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING 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		3	<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>
6,160,770		10	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.1, 2.3.2, 5.4, 5.7.1.5.1  <i>Annex:</i> R.1.2, R.1.6  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-1, 6, 21, 152, 175, 179, PHX-31, 34</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.3.2, 5.4, 5.7.1.5.1  <i>Annex:</i> R, R.1.2, R.1.6  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-1, 7, PH2-5, PH5-39, 63, 68, PHX-R1, R4</p>
6,160,778		3	<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, 5.6.7, 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, 3, 3-2, PH5-2, 3, 39 to 42, 46, 48, 50, 51, 55, 56, 58, 97-2, 98</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,167,009	EP 987,690 (DE, FR, GB, AL, LT, LV, MK, RO, SI)	9	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 2.7.1.2.3, 2.7.1.3, 2.7.2.1, 2.7.3.3 <i>Annex:</i> U, U.1 <i>Figs.:</i> 2.7.1.3-4, 2.7.1.3-5, U.1-1 <i>Pages:</i> PH2-20, 21, 23, 24, 27, 33, PHX-U1, U2
6,169,715	EP 987,691 (DE, FR, GB, AL, LT, LV, MK, RO, SI)	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 2.3.2, 2.7.1.2.3, 2.7.1.2.4, 2.7.1.3, 2.7.2, 2.7.2.1, 2.7.3.3a, 5.1.1, 5.2.1.1 <i>Annex:</i> U, U.1 <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-4, 5.2.1.1-2, U.1-1 <i>Pages:</i> PH2-5, 20 to 23, 27, 34, PH5-1, 5, 7, PHX-U1, U2
6,175,541		9	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.3.2, 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 <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, 2.8.3-1, 5.7.1.5.1-1 <i>Pages:</i> PH1-3, 3-2, 10, 13, PH2-5, 40, 40-2, 40-3, 41, 43, 44, 46-2, 46-3, PH5-1, 5, 60, 62, 63, 69, 72, 74, 83 to 90
6,178,148		14	DVD-RAM, Part 1, (v.2): <i>Secs.:</i> 1.1, 1.5, 2.3.2, 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, 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, 3-2, 7, 10, 13, 14, PH2-5, 17, 40-2, 40-3, 43, 44, 46-2, PH5-1, 5, 46, 63, 64, 69-2, 73, 75 to 90

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,181,654		14	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.3.2, 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, 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, 3-2, 7, 10, 13, 14, PH2-5, 17, 40-2, 40-3, 43, 44, 46-2, PH5-1, 5, 46, 63, 64, 69-2, 73, 75 to 90
6,188,656		9	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.3.2, 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, 2.8.3-3, 5.7.1.1-1, 5.7.1.5-1 <i>Tables:</i> 2.8.1.2.5-1, 2.8.3-1, 5.7.1.5.1-1 <i>Pages:</i> PH1-3-1, 7, 10, 13, 14, PH2-5, 17, 40, 40-2, 40-3, 41, 43, 44, 46-2 to 46-4, PH5-1, 5, 60, 62 to 64, 69, 72 to 83
6,189,118	TW 144,944	3	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, 3-2, 13, PH5-4, 39, 40, 42, 43, 45, 46, 48, 49, PHX-R13
6,212,142		14	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.3.2, 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, 2.8.3-3, 5.7.1.1-1, 5.7.1.5-1 <i>Tables:</i> 2.8.1.2.5-1, 2.8.3-1, 5.7.1.5.1-1 <i>Pages:</i> PH1-3-1, 7, 10, 13, 14, PH2-5, 17, 40, 40-2, 40-3, 41, 43, 44, 46-2 to 46-4, 46-3, PH5-1, 5, 60, 62 to 64, 69, 73, 75 to 90

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,223,310		3	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.3.1-1(b), R.3.2-1 <i>Tables:</i> 5.4-1, 5.5.4-1 <i>Pages:</i> PH1-1, 3-2, 13, PH5-4, 39 to 43, 46, 48, 49, PHX-R13, R14
6,249,888		3	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(a), R.3.1-1(b), 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, 3-2, 13, PH5-4, 39, 40, 42, 43, 46, 48, 49, 52, PHX-R13, R14
6,282,365	EP 1,096,490 (DE, FR, GB)	1	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  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

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,292,625	EP 1,031,979 (DE, FR, GB)	3	<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>
6,301,220		9	<p><b>DVD-RAM, Part 1 (v.1):</b>  <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>Annex:</i> K  <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><b>DVD-RAM, Part 1 (v.2):</b>  <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>Annex:</i> K  <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, PHX-K1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,304,534		3	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(1), 5.6.1, 5.6.5, 5.6.7, 5.7.1.12, 5.7.2.2 <i>Annex:</i> R.4, R.4.1, R.4.2 <i>Figs.:</i> 5.5.1-1, 5.6.3-1 <i>Tables:</i> 5.1.4-1, 5.4-1, 5.5.3-1 <i>Pages:</i> PH1-1, 3, 3-2, PH5-2, 3, 39 to 42, 46, 48, 50, 51, 53, 58, 59, 97, 98, PHX-R17
6,317,397		11	DVD-RAM, Part 1 (v.1): <i>Secs.:</i> 1.1, 1.5.48, 2.3.2, 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, 21, 115, 119, 120, 128, 137 to 139, 141-2  DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.3.2, 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, PH2-5, PH5-1, 5, 6, 14, 23 to 25, 28
6,336,196		3	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(a), R.3.1-1(b), R.3.2-1 <i>Tables:</i> 5.4-1, 5.5.4-1, 5.5.5-1 <i>Pages:</i> PH1-1, 3-2, 13, PH5-4, 39, 40, 42, 43, 46, 48, 49, PHX-R13, R14

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,336,197		3	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.3.1-1(b), R.3.2-1 <i>Tables:</i> 5.4-1, 5.5.4-1, 5.5.5-1 <i>Pages:</i> PH1-1, 3-2, 13, PH5-4, 39 to 43, 46, 48, 49, PHX-R13, R14
6,338,153		3	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, 3-2, 13, PH5-4, 39 to 43, 46, 48, 49, PHX-R13, R14
6,359,846		9	DVD-RAM, Part 1 (v.2): <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 <i>Annex:</i> AA, BB.2.1 to BB.2.4 <i>Figs.:</i> 2.1-1, 2.8.3-1, 5.7.1.1-1 <i>Tables:</i> 2.8.1.2.5-1, 5.4-1 <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 to 91, PHX-AA1 to AA5, BB7 to BB9

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,430,129		8	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 3.1, 3.1.2, 3.4.9, 5.7.1.5.1  <i>Annex:</i> Q, R.1.2, R.1.6  <i>Fig.:</i> 3.1-2  <i>Tables:</i> 3.4.9-1, 5.7.1.5.1-1  <i>Pages:</i> PH-1, 61, 63, 90, 175, 179, PHX-30, 31, 34</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 3.1, 3.1.2, 3.4.9, 5.7.1.5.1  <i>Annex:</i> Q, R.1.2, R.1.6  <i>Fig.:</i> 3.1-2  <i>Tables:</i> 3.4.9-1, 5.7.1.5.1-1  <i>Pages:</i> PH1-1, PH3-1, 3, 30, PH5-63, 68, PHX-Q1, R1, R4</p>
6,480,449	CN ZL 03124992.2	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		3	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.6.1, 2.7.3.3, 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, 21, 32, 47, 115, 119 to 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.6.1, 2.7.3.3, 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, 5, 17, 33, PH5-1, 5 to 9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,487,151	EP 718,831 (DE, FR, GB, NL); EP 847,046 (DE, FR, GB, NL)	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>
6,560,187		9	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 5.7.1.5.1  <i>Annex:</i> Q, R.1.2, R.1.6  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-1, 175, 179, PHX-30, 31, 34</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 5.7.1.5.1  <i>Annex:</i> Q, R.1.2, R.1.6  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH1-1, PH5-63, 68, PHX-Q1, R1, R4</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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,581,167		3	<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, 5.6.3, 5.6.5, 5.6.7, 5.6.8  <i>Table:</i> 5.4-1  <i>Pages:</i> PH1-1, 8, 12, 13, 14, PH5-4, 40, 41, 42, 46, 48, 50, 55, 58, 59</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>
6,744,706		1	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.3.2, 2.3.6, 2.3.8, 2.6.1, 2.7.1.3, 2.7.2.5, 2.7.3.3, 5.1.1, 5.2.1.1, 5.2.2, 5.2.3, 5.2.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.1.3-8, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 3, 17, 21, 23, 25, 32, 36, 37, 41, 44, 47, 115, 119 to 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.1, 2.3.2, 2.3.6, 2.3.8, 2.6.1, 2.7.1.3, 2.7.2.5, 2.7.3.3, 5.1.1, 5.2.1.1, 5.2.3, 5.2.4, 5.2.4  <i>Figs.:</i> 2.1-1, 2.7.1.3-1, 2.7.1.3-8, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, 4, PH2-1, 5, 7, 9, 17, 21, 22, 26, 29, 33, PH5-1, 5 to 9</p>
6,782,487		5	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 5.5.1, 5.5.3, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.5, 5.6.7, 5.6.8  <i>Table:</i> 5.4-1  <i>Pages:</i> PH1-1, 8, 12, 13, 14, PH5-4, 40, 41, 42, 46, 48, 50, 55, 58, 59</p> <p>DVD-RAM, Part 2, v.2.0:  <i>Sec.:</i> 2.2  <i>Fig.:</i> 2.2-1  <i>Page:</i> FS2-2</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,839,504	CN ZL 00816497.5	2	DVD-RAM, Part 2 (v.2): <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>Tables:</i> 3.2-1, C.3-1 <i>Pages:</i> FS1-3, 5, 5-2, FS2-2, FS3-2 to 4, 35, FSX-C1, C3 to C6, C8
7,016,276		3	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, 5.5.6, 5.6.1, 5.6.3, 5.6.5, 5.6.7, 5.6.8 <i>Table:</i> 5.4-1 <i>Pages:</i> PH1-1, 2, 3-2, 8, 12 to 14, PH5-4, 40 to 42, 46, 48, 50, 55, 58, 59  DVD-RAM, Part 2 (v.2): <i>Sec.:</i> 2.2 <i>Annex:</i> E.3 <i>Fig.:</i> 2.2-1 <i>Page:</i> FS2-2, FSX-E4
7,206,268		3	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 5.5.1, 5.5.3, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.5, 5.6.7, 5.6.8 <i>Tables:</i> 5.4-1, 5.6.5-1 <i>Pages:</i> PH1-1, 2, 3-2, 8, 12, 13, 14, PH5-40, 41, 42, 46, 48, 50, 54, 55, 58, 59  DVD-RAM, Part 2 (v.2): <i>Sec.:</i> 2.2 <i>Annex:</i> E.3 <i>Fig.:</i> 2.2-1 <i>Pages:</i> FS2-2, FSX-E4

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
RE 37,801		9	<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>
RE 38,611		5	<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, 5.6.2, 5.6.4, 5.6.7  <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  <i>Table:</i> 5.1.4-1  <i>Pages:</i> PH-3, 115 to 117, 128, 134, 136, 137, 154, 158 to 160, 163, 170</p>
RE 39,771		28	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.5.8, 1.5.48, 2.3.2, 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, 21, 120, 128, 129, 133</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.5, 2.3.2, 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, PH2-5, PH5-6, 14, 15, 19</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
RE 39,832		7	<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 RECORDING PATENTS

PANASONIC/TOSHIBA ESSENTIAL DVD-RAM RECORDING 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	7	<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>Table:</i> 5.2.11.2-1  <i>Pages:</i> PH-115, 128 to 131, 133</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>Table:</i> 5.2.11.2-1  <i>Pages:</i> PH5-1, 14 to 17, 19</p>
5,790,569	CA 2,190,985; KR 255,105; TW 89,851; VN 1,269	19	<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 RECORDING PATENTS

PANASONIC/TOSHIBA ESSENTIAL DVD-RAM RECORDING 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	8	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>Table:</i> 5.2.11.2-1 <i>Pages:</i> PH-115, 128 to 131, 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>Table:</i> 5.2.11.2-1 <i>Pages:</i> PH5-1, 14 to 17, 19
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	6	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, 141-1, 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

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

PANASONIC/TOSHIBA ESSENTIAL DVD-RAM RECORDING 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	15	<b>DVD-RAM, Part 1 (v.1):</b> <i>Secs.:</i> 1.1, 1.2, 1.5.5, 1.5.32, 2.8.1.3, 2.8.1.3.1, 5.1.1, 5.1.3, 5.2.11.9, 5.3, 5.3.1 <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, 53, 115, 116, 137, 138, 141-1, 141-2  <b>DVD-RAM, Part 1 (v.2):</b> <i>Secs.:</i> 1.1, 1.2, 1.5, 2.8.1.2, 2.8.1.2.3, 5.1.1, 5.1.3, 5.2.11.9, 5.3, 5.3.1 <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, PH2-40, 40-2, 40-3, 41, PH5-1, 23, 24, 27, 28
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; TW 82,934	5	<b>DVD-RAM, Part 1 (v.1):</b> <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  <b>DVD-RAM, Part 1 (v.2):</b> <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

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

SAMSUNG ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
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
6,389,570	CN ZL 02140736.3; CN ZL 02140737.1; CN ZL 99109257.0; EP 1,306,846 (DE, FR, GB, NL); HK 1,049,730; HK 1,049,731; KR 382,639	1	DVD-RAM, Part 2 (v.2): <i>Secs.:</i> 1.1, 2.1, 3.2, 3.6, 3.6.1, 3.6.2, 3.6.3, 3.8.2 <i>Annex:</i> B to E, F.1.3 <i>Fig.:</i> 3.1-1 <i>Tables:</i> 3.2-1, 3.6.1-1, 3.6.2-1, 3.6.3-1, 3.6.3-2, B.3.2-1, B.3.3-1 <i>Pages:</i> FS1-1, FS2-1, FS3-2 to 4, 13 to 15, 19, 20, 23, 24, 35, FSX-B1, B6 to B8, C1 to C8, D1, D2, E1 to E4, F3
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>Tables:</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
6,466,532		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

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

SAMSUNG ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,556,520	CN ZL 01104665.1; HK 1,037,777; IN 194,405	5	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, 5.1.1, 5.2.1.1, 5.2.2, 5.6.6 <i>Annex:</i> U.1 <i>Figs.:</i> 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-1, 5.2.1.1-2, U.1-1 <i>Pages:</i> PH1-1, PH2-6, 21, 24, 26, 30, 33, PH5-1, 5, 6, 7, 8, 56, 57, PHX-U1, U2
6,556,521	CN ZL 01104664.3; HK 1,037,776; MY 122,541; PH 1-2002-000511; TW 140,708	23	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, 5.1.1, 5.1.3, 5.2.1.1, 5.2.1.2, 5.2.2, 5.6.6 <i>Annex:</i> U.1 <i>Figs.:</i> 2.7.1.3-5, 2.7.1.3-8, 5.2.1.1-1, 5.2.1.1-2, U.1-1 <i>Pages:</i> PH1-1, PH2-6, 21, 24, 26, 30, 33, PH5-1, 5 to 8, 56, 57, PHX-U1, U2
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
6,578,163	IN 231,029	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
6,594,208	CN ZL 02150594.2; CN ZL 99125009.5; IN 200,680; 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 RECORDING PATENTS

SAMSUNG ESSENTIAL DVD-RAM RECORDING 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; IN 202,583; KR 354,737; RU 2,195,716; SG 108,853	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
6,658,588	PH 1-2002-00693	34	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.3.2, 2.8.1.2, 5.5.3, 5.5.4, 5.5.5, 5.6.1, 5.6.2, 5.6.6, 5.6.7 <i>Annex:</i> R.3, R.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 <i>Pages:</i> PH1-1, 3-1, 3-2, 13, PH2-5, 40 to 44, PH5-42, 43, 45 to 49, 56 to 59, PHX-R13 to R16, Z7, Z8

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

SAMSUNG ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,674,697	KR 354,739	4	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 2.1, 2.3.2, 5.6.1, 5.6.3, 5.6.4, 5.6.5, 5.6.6  <i>Annex:</i> R.4, R.4.1, R.4.2  <i>Fig.:</i> 2.1-1  <i>Pages:</i> PH1-1, 2, 3-2, PH2-1, 5, PH5-48, 50, 52, 53, 56, PHX-R17</p> <p>DVD-RAM, Part 2 (v.2):  <i>Secs.:</i> 1.1, 3.6.1, 3.6.3, 3.6.4  <i>Annex:</i> C.1 to C.3  <i>Figs.:</i> C.2-1, C.3-1  <i>Tables:</i> 3.6.1-1, 3.6.3-1, 3.6.3-2, 3.6.4-1, C.3-1  <i>Pages:</i> FS1-1, FS3-15, 23 to 25, FSX-C1, C5, C6, C8</p>
6,697,307		1	<p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.1, 5.5.4, 5.5.5, 5.6.1, 5.6.2, 5.6.6, 5.6.6.1, 5.6.7  <i>Annex:</i> R.3  <i>Figs.:</i> 5.6.2-1, R.3.2-2  <i>Tables:</i> 5.5.4-1, 5.5.5-1  <i>Pages:</i> PH1-1, 2, 12, PH2-1, PH5-43, 46 to 49, 56 to 59, PHX-R13 to R17</p>
6,721,243	CN ZL 01104663.5; CN ZL 99118401.7; HK 1,037,775; KR 618,962	4	<p>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, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH1-1, PH2-6, 21, 23, 24, 30, 33, 34, PH5-1, 5 to 9, PHX-U1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

SAMSUNG ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,744,713	CN ZL 01108996.2; EP 965,988 (DE, FR, GB, NL); HK 1,038,983; IN 194,678	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
6,765,853		1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.3.2, 5.2.11, 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> 5.2.11-1, 5.2.1.11-1, 5.7.1.1-1, 5.7.2-1 <i>Table:</i> 5.7.1.11-1 <i>Pages:</i> PH1-1, 7, 10, PH2-5, PH5-14, 60, 93 to 95, 98, PHX-W1
6,879,553		14	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.7.1.3, 5.6.2 <i>Fig.:</i> 5.6.2-1 <i>Pages:</i> PH1-1, PH2-1, 5, 21, 49
6,894,963	CN ZL 01117010.7; EP 952,573 (DE, FR, GB, NL); 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
6,937,552	CN ZL 01117007.7; HK 1,039,677	7	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.3.5, 2.8.1.2.4, 5.2.11, 5.6, 5.6.5, 5.6.7, 5.6.8 <i>Figs.:</i> 2.1-1, 2.7.4.2-1, 5.6.2-1, 5.6.3-1 <i>Table:</i> 5.2.11.2-2 <i>Pages:</i> PH1-1, 2, PH2-1, 5, 6, 37, 42, PH5-17, 48 to 56, 58

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

SAMSUNG ESSENTIAL DVD-RAM RECORDING 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>Figs.:</i> 2.1-1, 5.6.2-1, 5.6.3-1 <i>Table:</i> 5.2.11.2-2 <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
7,085,207	CN ZL 00137547.4; HK 1,036,681	1	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 1.5, 2.1, 2.3.2, 2.7.1.3, 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, 5, 21, PH5-46, 50, 51, PHX-Z7

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

SAMSUNG ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,110,334	IN 200,317	1	<p>DVD-RAM, Part 1 (v.2):</p> <p><i>Secs.:</i> 2.3.5, 2.7.1.3, 2.7.3.3, 2.7.3.3(a), 5.1.1, 5.2.1.1, 5.2.2, 5.2.3, 5.2.4, 5.6.6</p> <p><i>Annex:</i> U, U.1</p> <p><i>Figs.:</i> 2.7.1.3-5(a), 2.7.1.3-5(b), 5.2.1.1-1(a), 5.2.1.1-1(b), 5.2.1.1-2(a), 5.2.1.1-1(b)</p> <p><i>Pages:</i> PH2-6, 21, 24, 33, 34, PH5-1, 5 to 9, 56, 57, PHX-U1</p>
7,116,614	CN ZL 02150595.0	1	<p>DVD-RAM, Part 1 (v.2):</p> <p><i>Secs.:</i> 1.1, 1.5, 2.1, 2.3.2, 2.7.1.3, 5.5.5, 5.5.6, 5.6.3</p> <p><i>Annex:</i> Z.3.3</p> <p><i>Fig.:</i> 5.6.3-1</p> <p><i>Pages:</i> PH1-1, 14, PH2-1, 5, 21, PH5-46, 50, 51, PHX-Z7</p>
7,158,461	IN 203,240	22	<p>DVD-RAM, Part 1 (v.2):</p> <p><i>Secs.:</i> 1.1, 2.8.1.2.3, 2.8.1.2.5, 2.8.1.2.6, 5.7.1.2, 5.7.1.2.1, 5.7.1.5.1.2</p> <p><i>Tables:</i> 2.8.1.2.5-1, 5.7.1.2.1-1</p> <p><i>Pages:</i> PH1-1 to 3-3, PH2-40-2, 41, 43, 44, PH5-62, 63, 69-2, 72 to 90</p>
7,167,424		1	<p>DVD-RAM, Part 1 (v.2):</p> <p><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, 5.1.3, 5.2.1.1, 5.2.2, 5.6.6</p> <p><i>Annex:</i> U, U.1</p> <p><i>Figs.:</i> 2.7.1.3-5(a), 2.7.1.3-5(b), 5.2.1.1-1(a), 5.2.1.1-1(b), 5.2.1.1-2(a), 5.2.1.1-2(b)</p> <p><i>Pages:</i> PH1-1, PH2-6, 21, 24, 33, 34, 30, PH5-1, 2, 5 to 8, 56, 57, PHX-U1</p>
7,197,672		1	<p>DVD-RAM, Part 1 (v.2):</p> <p><i>Secs.:</i> 1.1, 5.5.5, 5.5.6, 5.6.1, 5.6.3, 5.6.6</p> <p><i>Annex:</i> R.3.3, Z.3.3</p> <p><i>Tables:</i> 5.5.5-1, Z.3.3-1</p> <p><i>Pages:</i> PH1-1, PH5-46 to 48, 50, 56, PHX-R17, PHX-Z7, Z8</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

SAMSUNG ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
7,209,423		19	DVD-RAM, Part 1 (v.2): <i>Secs.:</i> 1.1, 2.8.1.2.3, 2.8.1.2.4, 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, PH2-40-1 to 43, PH5-72 to 90
(6,467,061)	CN ZL 02140738.X; EP 1,150,293 (DE, FR, GB, NL); EP 1,249,838 (DE, FR, GB, NL); HK 1,049,732; PH 1-2002-000465; SG 115,483	‡	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

‡ This US patent has been found essential for disc only. However, the counterparts are listed for recording because the recording claim is substantially similar to the essential US disc claim.

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING 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		9	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.1, 2.8.1.2, 5.1.1, 5.5.3, 5.5.5, 5.6.3, 5.6.5, 5.6.7  <i>Annex:</i> R  <i>Figs.:</i> 2.1-1, 5.6.3-1, R.1-2  <i>Tables:</i> 5.5.5-1, 5.6.5-1  <i>Pages:</i> PH-17, 52, 115, 155, 158, 159, 161, 162, 164, 165, 166, 170, PHX-42</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.1, 2.8.1.1.2, 5.1.1, 5.5.3, 5.5.5, 5.5.6, 5.6.3, 5.6.5, 5.6.7  <i>Annex:</i> R  <i>Figs.:</i> 2.1-1, 5.6.3-1, R.1-2  <i>Tables:</i> 5.5.5-1, 5.6.5-1  <i>Pages:</i> PH2-1, 39, PH5-1, 42, 46, 47, 50, 51, 53, 54, 56, 58, 59, PHX-R6</p>
5,493,552		20	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.2, 2.3.2, 2.6.1, 2.7.1.3, 2.7.4.2, 5.1.1, 5.2.1.1, 5.2.4  <i>Figs.:</i> 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, 3, 21, 32, 36, 37, 49, 50, 115, 119 to 121, 123</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.2, 2.3.2, 2.6.1, 2.7.1.3, 2.7.4.2, 5.1.1, 5.2.1.1, 5.2.4  <i>Figs.:</i> 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, 4, PH2-5, 17, 21, 22, 36, 37, PH5-1, 5 to 7, 9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
5,587,991	KR 191,944	4	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.3.2, 5.2.11.9, 5.3.1, 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-21, 137, 138, 141-2, 142</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.3.2, 5.2.11.9, 5.3.1, 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> PH2-5, PH5-23, 24, 28, 29</p>
5,673,248	EP 709,833 (DE, FR, GB) (Lapsed in NL); KR 343,189	16	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.5.31, 1.5.36, 1.5.37, 1.5.50, 2.8.1.3, 2.8.1.3.1, 2.8.1.3.2, 5.7.1.1, 5.7.1.5, 5.7.1.5.1  <i>Annex:</i> F, R, R.1.2  <i>Figs.:</i> 5.7.1.1-1, 5.7.1.5-1, F-1, R.1-2  <i>Table:</i> 5.7.1.5.1-1  <i>Pages:</i> PH-9, 10, 12, 53, 54, 172, 174, 175, 179 to 187, PHX-9, 31, 42</p>
5,805,547	AU 695,695; KR 262,805; MX 978,786; SG 45,902; TW 103,291; TW 116,022 (392,151)(RAM v.1 only); VN 2,125	1	<p>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</p> <p>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</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING 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	CN ZL 97103370.6; EP 798,715 (DE, FR, GB) (Lapsed in NL); KR 262,470 TW 102,980	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>
5,859,823	CN ZL 97103369.2; KR 262,473; TW 103,143	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, 5.2.11.8, 5.2.11.9, 5.6.1, 5.6.2, 5.6.4, 5.6.6, 5.6.6.1, 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, 168, 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, 5.2.11.9, 5.6.1, 5.6.2, 5.6.4, 5.6.6, 5.6.6.1, 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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING 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>DVD-RAM, Part 1 (v.1):  <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>DVD-RAM, Part 1 (v.2):  <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>
5,914,928	CN ZL 97103367.6	31	<p>DVD-RAM, Part 1 (v.1):  <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, 116, 117, 158 to 164, 170, 171</p>
5,956,306	EP 802,536 (DE, FR, GB)	1	<p>DVD-RAM, Part 1 (v.1):  <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, 5.3.1  <i>Figs.:</i> 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 to 137, 141-2)</p> <p>DVD-RAM, Part 1 (v.2):  <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, 5.3.1  <i>Figs.:</i> 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 to 23, 28</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
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>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, 5.5.3, 5.6.2, 5.6.4, 5.6.6, 5.6.7</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, 5.6.2-1</p> <p><i>Tables:</i> 5.4-1, 5.6.4-1</p> <p><i>Pages:</i> PH-115, 119, 120, 123, 128, 129, 134, 136, 152, 153, 155, 161, 163, 164, 167, 168, 170, PHX-18)</p>
5,959,962		12	<p>DVD-RAM, Part 1 (v.1):</p> <p><i>Secs.:</i> 1.1, 1.2, 1.5.27, 1.5.59, 2.1, 2.3.2, 2.3.7, 2.3.8, 2.7.2, 2.7.2.1, 2.8.1.3.1, 2.8.1.3.2, 5.1.1, 5.3.4, 5.5.1, 5.7.1.5, 5.7.1.5.1</p> <p><i>Annex:</i> F</p> <p><i>Figs.:</i> 2.1-1, 2.7.1.3-1, 5.7.1.1-1, 5.7.1.5-1, F-2</p> <p><i>Table:</i> 5.7.1.5.1-1</p> <p><i>Pages:</i> PH-2-2, 3, 9, 13, 17, 21, 23 to 26, 37, 42, 53, 54, 115, 143, 154, 172, 174 to 178, PHX-9, 10</p> <p>DVD-RAM, Part 1 (v.2):</p> <p><i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.3.2, 2.3.7, 2.3.8, 2.7.2, 2.7.2.1, 2.8.1.2.3 to 2.8.1.2.6, 2.8.3, 5.1.1, 5.3.4, 5.5.1, 5.7.1.4, 5.7.1.5.1</p> <p><i>Annex:</i> AA, BB</p> <p><i>Figs.:</i> 2.7.1.3-1, 5.7.1.1-1, 5.7.1.5-1</p> <p><i>Table:</i> 5.7.1.5.1-1</p> <p><i>Pages:</i> PH1-3-2, 4, 7 to 10, 15, PH2-1, 5, 7, 9, 22, 27, 40 to 44, 46-2 to 46-4, PH5-1, 30, 41, 60, 62, 63, 65 to 67, PHX-AA1 to AA5, BB9</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING 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>DVD-RAM, Part 1 (v.1):  <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, 5.6.4, 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>DVD-RAM, Part 1 (v.2):  <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, 5.6.6, 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 RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING 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	CN ZL 97103371.4; EP 798,713 (DE, FR, GB) (Lapsed in NL); KR 301,191	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, 5.6.3, 5.6.7, 5.6.8.2  <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, 5.6.3-1  <i>Tables:</i> 5.4-1, 5.5.5-1  <i>Pages:</i> PH-115, 119, 120, 123, 128, 129, 134, 136, 152, 153, 158, 159, 161, 162, 170, 171, 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, 5.6.3, 5.6.7, 5.6.8  <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, 5.6.3-1  <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, 50, 51, 58, 59, PHX-K1</p>
6,031,804		1	<p><b>DVD-RAM, Part 1 (v.1):</b>  <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  <i>Annex:</i> K, R, R.2.2, R.2.2.1  <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  <i>Tables:</i> 5.1.4-1, 5.4-1  <i>Pages:</i> PH-2-2, 7, 21, 115, 116, 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>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,049,515		1	DVD-RAM, Part 1 (v.1): <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 <i>Annex:</i> K, R, R.2.2, R.2.2.1 <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 <i>Tables:</i> 5.1.4-1, 5.2.11.2-1, 5.2.11.6-1, 5.4-1, 5.5.5-1 <i>Pages:</i> PH-1, 3, 7, 115, 116, 117, 119, 120, 122, 123, 127, 128, 129, 131, 133, 134, 136, 137, 139, 141-2, 152, 153, 158, 159, 160, 161, 163, 167 to 169, 170, PHX-18, 35
6,128,260	EP 872,830 (DE, FR, GB, NL); KR 279,340	8	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>Annex:</i> P <i>Fig.:</i> 5.2.1.1-1 <i>Pages:</i> PH-1, 115, 116, 119, 120, 123, 127, 140, PHX-29  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>Annex:</i> P <i>Fig.:</i> 5.2.1.1-1 <i>Pages:</i> PH1-1, PH5-1, 2, 5, 6, 9, 13, 26, PHX-P1

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,130,871	TW 137,048 (445,450)	19	<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>
6,172,961	KR 279,113; TW 133,619	3	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 2.3.2, 2.3.5, 2.3.8, 2.7.1.3, 2.7.3, 2.7.3.3, 5.1.1, 5.2.1.1, 5.2.4  <i>Annex:</i> L  <i>Figs.:</i> 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-21, 22, 25, 36, 38, 39, 41, 45, 47, 115, 119 to 121, 123, PHX-19</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 2.3.2, 2.3.5, 2.3.8, 2.7.1.3, 2.7.3, 2.7.3.3, 5.1.1, 5.2.1.1, 5.2.4  <i>Annex:</i> L  <i>Figs.:</i> 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> PH2-5, 6, 9, 21, 23, 24, 26, 30, 33, PH5-1, 5 to 7, 9, PHX-L1</p>

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING 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	TW 127,995	2	<p><b>DVD-RAM, Part 1 (v.1):</b>  <i>Secs.:</i> 1.1, 1.5.38, 1.5.49, 2.3.2, 2.3.3, 2.3.5, 2.3.8, 2.6.3, 2.7.1.2.1, 2.7.1.2.4, 2.7.1.2.5, 2.7.1.3, 2.7.2.1, 2.7.2.2, 2.8.1.2.3, 2.8.1.2.4, 2.9.1.2.1, 2.9.1.2.3, 2.9.1.2.5, 2.9.1.2.6, 5.1, 5.1.1, 5.1.2, 5.2.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.11.7  <i>Annex:</i> L  <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-2, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2  <i>Pages:</i> PH-1, 2, 2-2, 10, 11, 21, 22, 25, 32, 35 to 37, 39, 42, 52, 53, 56, 57, 115, 119 to 123, 134, PHX-19</p> <p><b>DVD-RAM, Part 1 (v.2):</b>  <i>Secs.:</i> 1.1, 1.5, 2.3.2, 2.3.3, 2.3.5, 2.3.8, 2.6.3, 2.7.1.2.1, 2.7.1.3, 2.7.1.2.4, 2.7.1.2.5, 2.7.2.1, 2.7.2.2, 2.8.1.1.2.3, 2.8.1.1.2.4, 2.9.1.2.1, 2.9.1.2.3, 2.9.1.2.5, 2.9.1.2.6, 5.1, 5.1.1, 5.1.2, 5.2.1, 5.2.1.1, 5.2.1.2, 5.2.2, 5.2.4, 5.2.11.7  <i>Annex:</i> L, U  <i>Figs.:</i> 2.7.1.3-1, 2.7.1.3-2, 2.7.1.3-5, 5.2.1.1-1, 5.2.1.1-2, U.1.1  <i>Pages:</i> PH1-1, 2, 3, 11, 13, PH2-5, 6, 9, 17, 20 to 22, 24, 27, 39, 40, 47, 48, PH5-1, 5 to 9, 20, PHX-L1, U1, U2</p>
6,385,744		7	<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 RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,493,302		1	DVD-RAM, Part 1 (v.2): <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, 5.2.11.8, 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
6,560,181	TW 157,498	11	DVD-RAM, Part 1 (v.2): <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, 2, PH5-2, 3, 14, 15, 17, 20, 46
6,625,092		2	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, 2-2, 10, 11, 32, 115, 119 to 121, 123  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, 3, 11, 13, PH2-17, PH5-1, 5 to 7, 9
6,741,534		5	DVD-RAM, Part 1 (v.2): <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, 3-2, PH5-1, 3, 40, 42, 43, 45 to 47, 49 to 54, 56

## SUMMARY REPORT OF ESSENTIAL DVD-RAM RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-RAM RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RAM (v.1 and/or v.2) Specification
6,747,942		15	<p>DVD-RAM, Part 1 (v.1):  <i>Secs.:</i> 1.1, 1.5.53, 2.1, 5.2.1.1, 5.2.1.2, 5.2.11, 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> 3.1-1, 3.1-2, 3.1-3, 5.2.1.1-1, 5.2.1.1-2, 5.2.1.2-1, 5.2.11.1, 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, 12, 17, 54, 119 to 121, 128, 129, 152 to 154, 174 to 177</p> <p>DVD-RAM, Part 1 (v.2):  <i>Secs.:</i> 1.1, 1.5, 2.1, 5.2.1.1, 5.2.1.2, 5.2.11, 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, 5.2.11.1, 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, 2, 14, PH2-1, PH5-5 to 7, 14, 15, 39 to 41, 62, 63, 65 to 67, 90</p>
7,042,822		5	<p>DVD-RAM, Part 1 (v.2):  <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, 2, PH5-2, 3, 14, 15, 17, 20, 46, 50, PHX-R17</p>