

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS*

HITACHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
4,646,103		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 2.2.3.8.1 <i>Annex:</i> K <i>Figs.:</i> 2.2.3.8.1-1, K-1 <i>Pages:</i> PH-1, 46, 47, PHX-22</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.1, 2.2.3.8.1 <i>Annex:</i> K <i>Figs.:</i> 2.2.3.8.1-1, K-1 <i>Pages:</i> PH1-1, PH2-29, PHX-K1</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.2.3.8.1 <i>Annex:</i> K <i>Figs.:</i> 2.2.3.8.1-1, K-1 <i>Pages:</i> PH1-1, PH2-29, PHX-K1</p>

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

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
4,682,332	EP 150,811 (DE, FR, GB, NL)	1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2.3, 3.2.5 <i>Figs.:</i> 3.2-1, 3.2.1-1 <i>Pages:</i> PH-62, 64, 67</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2.3, 3.2.5 <i>Figs.:</i> 3.2-1, 3.2.1-1 <i>Pages:</i> PH3-2, 4, 5</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2.3, 3.2.5 <i>Figs.:</i> 3.2-1, 3.2.1-1 <i>Pages:</i> PH3-2, 4, 6</p>

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HITACHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,257,256		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.2.3.8.1 <i>Annex:</i> K <i>Fig.:</i> K-1 <i>Pages:</i> PH-46, 47, PHX-22</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.2.3.8.1 <i>Annex:</i> K <i>Fig.:</i> K-1 <i>Pages:</i> PH2-29, PHX-K1</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.2.3.8.1 <i>Annex:</i> K <i>Fig.:</i> K-1 <i>Pages:</i> PH2-29, PHX-K1</p>

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HITACHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,333,126	DE 4,304,267	1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.2.3.8.1, 3.2.9, 3.3, 3.3.1, 3.3.2 <i>Annex:</i> J <i>Fig.:</i> 3.2.9-1 <i>Pages:</i> PH-46, 72, 75, 75-1, 76, PHX-19 to 21</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.2.3.8.1, 3.2.9, 3.3, 3.3.1, 3.3.2 <i>Annex:</i> J <i>Fig.:</i> 3.2.9-1 <i>Pages:</i> PH2-29, PH3-10, 13 to 15 PHX-J1 to J3</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.2.3.8.1, 3.2.9, 3.3, 3.3.1, 3.3.2 <i>Annex:</i> J <i>Fig.:</i> 3.2.9-1 <i>Pages:</i> PH2-29, PH3-11, 15 to 17, PHX-J1 to J3</p>

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HITACHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,586,108		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 3.2-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH-62, 69, 71, 72</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 3.2-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH3-3, 7 to 10</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 3.2-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH3-2, 8 to 11</p>

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HITACHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,732,061		11	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.5.50, 3.2, 4.3.1.1 <i>Annex:</i> L <i>Fig.:</i> 4.3.1-1 <i>Pages:</i> PH-9, 62, 117, PHX-25</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.6, 3.2, 4.3.1.1 <i>Annex:</i> L <i>Fig.:</i> 4.3.1-1 <i>Pages:</i> PH1-13, PH3-2, PH4-23, PHX-L1</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.5, 3.2, 4.3.1.1 <i>Annex:</i> L <i>Fig.:</i> 4.3.1-1 <i>Pages:</i> PH1-12, PH3-2, PH4-24, PHX-L1</p>

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HITACHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,768,298		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2, 3.2.1, 3.2.7, 3.2.8 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1 <i>Pages:</i> PH-62, 69, 71</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2, 3.2.1, 3.2.7, 3.2.8 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1 <i>Pages:</i> PH3-2, 7, 9</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2, 3.2.1, 3.2.7, 3.2.8 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1 <i>Pages:</i> PH3-2, 8, 10</p>
5,906,907		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.3.8, 2.2.1, 2.2.4, 4.1.2 <i>Figs.:</i> 2.1.3.8-1, 2.2.1-1, 2.2.4.1-1 <i>Pages:</i> PH2-6, 7, 42, 48, 49, 95</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.3.8, 2.2.1, 2.2.4, 4.1.2 <i>Figs.:</i> 2.1.3.8-1, 2.2.1-1, 2.2.4.1-1 <i>Pages:</i> PH2-6, 7, 25, 32, PH4-1</p>

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HITACHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,974,581	CN ZL 96105518.9	1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-62, 63, 69, 72, 73</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-2, 3, 7, 10, 11</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-2, 3, 8, 11, 12</p>

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HITACHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,983,387	KR 239,236	1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.1, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9, 3.4.1.3.2 <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.9-1 <i>Pages:</i> PH-15, 62, 63, 69, 72, 93</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.1.1, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.8, 3.2.9, 3.4.1.3.2 <i>Figs.:</i> 2.1.1-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH2-1, PH3-2, 3, 7, 9, 10, 30</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.1, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 2.1.1-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH2-1, PH3-2, 3, 8, 10, 11</p>
5,991,260		13	<p>DVD-R, Part 1 (v. 2 Gen): <i>Sec.:</i> 2.1.1 <i>Annex:</i> X.1.1.1 to X.1.1.5, X.1.3.1, X.1.3.5, X.1.4.1, X.1.4.5, X.1.5, X.1.6, X.1.7 <i>Figs.:</i> X.1.1-1 to X.1.1-3, X.1.3-3, X.1.4-3 <i>Pages:</i> PH2-1, PHX-X1 to X3-2, X5, X7, X8, X17, X25, X27, X37, X45, X46, X46-2</p>
6,075,763		60	<p>DVD-R, Part 1 (v. 2 Gen): <i>Sec.:</i> 2.1.1 <i>Annex:</i> X.1.1.1 to X.1.1.5, X.1.3.1, X.1.3.5, X.1.3.6, X.1.4.1, X.1.4.5, X.1.4.6, X.1.5, X.1.6, X.1.7 <i>Figs.:</i> X.1.1-1 to X.1.1-3, X.1.3-3, X.1.4-3 <i>Pages:</i> PH2-1, PHX-X1 to X3-2, X5, X7, X8, X17, X25, X27, X28, X37, X45, X46, X46-2</p>

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HITACHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
(6,076,184) ¹	KR 239,238	2	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.1, 3.2.2, 3.2.9 <i>Annex:</i> T <i>Figs.:</i> 3.2.1-1, 3.2.9-1 <i>Pages:</i> PH-15, 62, 63, 72, PHX-40</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.1.1, 3.2.9 <i>Annex:</i> T <i>Figs.:</i> 2.1.1-1, 3.2.1-1, 3.2.9-1 <i>Pages:</i> PH2-1, PH3-2, 10, PHX-T1</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.1, 3.2.9 <i>Annex:</i> T <i>Figs.:</i> 2.1.1-1, 3.2.1-1, 3.2.9-1 <i>Pages:</i> PH2-1, PH3-2, 11, PHX-T1</p>
6,108,299		12	<p>DVD-R, Part 1 (v. 2 Gen): <i>Annex:</i> X.1.1.1, X.1.1.2, X.1.3, X.1.3.6, X.1.4, X.1.4.6, X.1.5, X.1.6, X.1.7 <i>Figs.:</i> X.1.1-1, X.1.1-2, X.1.3-1, X.1.3-3, X.1.4-2, X.1.4-3 <i>Pages:</i> PHX-X1 to X3, X5, X8, X15, X17, X25, X28, X36, X37, X45, X46, X46-2</p>

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

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,140,028		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.1, 2.1.3.2, 2.1.3.8, 4.1.2 <i>Figs.:</i> 2.1.1-1, 2.1.3.8-1, 2.4.1-1 <i>Pages:</i> PH-15, 18, 20, 21, 27, 95</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.1, 2.1.3.2, 2.1.3.8, 4.1.2 <i>Figs.:</i> 2.1.1-1, 2.1.3.8-1, 2.4.1-1 <i>Pages:</i> PH2-1, 4, 6, 7, 12, PH4-1</p>
6,314,542		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 2.1, 2.2.1, 3.1.4, 3.2, 3.2.2, 3.2.7, 3.2.9 <i>Figs.:</i> 2.1.1-1, 2.2.1-1, 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1, T-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-1, 15, 42, 61 to 63, 69, 71 to 73, PHX-40</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.1, 2.1.1, 3.1.4, 3.2, 3.2.2, 3.2.7, 3.2.9 <i>Figs.:</i> 2.1.1-1, 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1, T-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH1-1, PH2-1, PH3-1 to 3, 7, 9 to 11, PHX-T1</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.1.1, 3.1.4, 3.2, 3.2.2, 3.2.7, 3.2.9, 3.4.1.1 <i>Figs.:</i> 2.1.1-1, 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1, T-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH1-1, PH2-1, PH3-1 to 3, 8, 8, 10 to 12, 27, PHX-T1</p>

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HITACHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,573,025		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 1.2, 2.1.1, 2.1.3.2, 2.1.3.8(a) <i>Fig.:</i> 2.1.1-1 <i>Pages:</i> PH-1, 2, 15, 18, 20</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.2, 2.1.1, 2.1.3.2, 2.1.3.8(a) <i>Fig.:</i> 2.1.1-1 <i>Pages:</i> PH1-1, 2, PH2-1, 4, 6</p>

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JVC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-R Specification
5,014,274	EP 337,702 (DE, FR, GB, NL); HK 1,000,543; KR 59,670	1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2, 3.2.2, 3.2.6 <i>Fig.:</i> 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH-62, 63, 68, 89</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2, 3.2.2, 3.2.6 <i>Fig.:</i> 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH3-2, 3, 6, 27</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2, 3.2.2, 3.2.6 <i>Fig.:</i> 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH3-2, 3, 7, 33</p>
5,617,408	TW 78,273	3	<p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.5, 2.1.1, 2.1.5.5, 2.1.6.5, 2.2.1, 2.2.6.3, 4.2.1 <i>Annex:</i> W.2, W.3 <i>Figs.:</i> 2.1.1-1, 2.1.6-1, 2.2.1-1, W.2-1 <i>Pages:</i> PH1-7, PH2-1, 13, 16, 18, 25, 34, PH4-3, PHX-W1</p>
5,862,115	EP 655,739 (DE, FR, GB)	4	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.1, 3.1.1, 3.2.2, 3.2.6 <i>Figs.:</i> 3.2.1-1, 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH-15, 61 to 63, 68</p>

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			<p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.1.1, 3.1.1, 3.2.2, 3.2.6 <i>Figs.:</i> 3.2.1-1, 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH2-1, PH3-1 to 3, 6</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.1, 3.1.1, 3.2.2, 3.2.6 <i>Figs.:</i> 3.2.1-1, 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH2-1, PH3-1 to 3, 7</p>
7,102,970 (essential for 4x, 6x, 8x, 12x and 16x)		1	<p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.2.1, 3.1.4, 3.4.1.4.1, 4.2.3.6.3 <i>Annex:</i> K <i>Figs.:</i> K-1, K-2 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, PH2-25, PH3-1, 35, PH4-18, PHX-K1, K2</p> <p>DVD-R, Part 1 (v. 2 Gen)(2x-speed): <i>Secs.:</i> 2.1.5.1, 3.1.2, 3.1.2.1, 3.1.3, 3.1.3.4, 4.1.2 <i>Figs.:</i> 2.1.5.1-1, 4.1.2-1, 4.1.2-2 <i>Tables:</i> 3.1.2-1, 3.1.2-2, 3.1.2.1-1 <i>Pages:</i> OS2-5, OS3-1 to OS3-3, OS3-7, OS4-2</p> <p>DVD-R, Part 1 (v. 2 Gen)(4x-speed): <i>Secs.:</i> 2.1.5.1, 3A.1.2, 3A.1.2.4, 3.1.4, 3.1.4.3 <i>Annex:</i> B <i>Figs.:</i> 2.1.5.1-1, 3.1.4-1, 3.1.4-2 <i>Tables:</i> 3A.1.2-1, 3A.1.2-2 <i>Pages:</i> OS2-5, OS3A-1, 3A-2, OS3-12, 13, 17, OSX-B1</p>

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JVC ESSENTIAL DVD-R DISC PATENTS			
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			<p>DVD-R, Part 1 (v. 2 Gen)(6x-speed): <i>Sec.:</i> 3.1.2 <i>Page:</i> OS3-1</p> <p>DVD-R, Part 1 (v. 2 Gen)(8x-speed): <i>Sec.:</i> 3.1.2 <i>Page:</i> OS3-1</p> <p>DVD-R, Part 1 (v. 2 Gen)(12x-speed): <i>Sec.:</i> 3.1.2 <i>Page:</i> OS3-1</p> <p>DVD-R, Part 1 (v. 2 Gen)(16x-speed): <i>Sec.:</i> 3.1.2 <i>Page:</i> OS3-1</p>
7,161,889		1	<p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.6, 2.1.6, 2.2.1, 3.2.4, 3.2.7, 3.4.1.1, 3.4.1.2, 3.4.1.2.2, 3.4.1.4, 3.4.1.4.1, 4.1.4.1, 4.2.1 <i>Figs.:</i> 2.2.1-1, 3.2.7-1, 3.4.1.1-1, 4.1.4-1 <i>Table:</i> 3.4.1.2.2-1 <i>Pages:</i> PH1-1, 5, 8, PH2-16, 17, 25, PH3-4, 6, 8, 27 to 30, 34, 36, PH4-2 to 5</p>

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MITSUBISHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-R Specification
4,703,494		21	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.1.4, 3.2.9, 3.3, 3.4.1.3.2 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-61, 72, 73, 75-1, 93</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.1.4, 3.2.9, 3.3, 3.4.1.3.2 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-1, PH3-10, 11, 13, 31</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.1.4, 3.2.9, 3.3 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-1, PH3-11, 12, 15</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

MITSUBISHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,537,652		8	<p>DVD-R, Part 2 (v. 1): <i>Secs.:</i> 1.1, 2.2, 2.3, 2.5, 2.5.1, 2.6.7, 3.2, 3.3, 3.3.1, 3.4, 3.4.1, 3.5, 3.5.1 <i>Annex:</i> B <i>Figs.:</i> 2.2-1, 2.3-1 <i>Tables:</i> 2.5.1-1, 2.6.7-1, 3.2-1, 3.3.1-1, 3.4.1-1, 3.5.1-1 <i>Pages:</i> FS-1, 16 to 18, 23, 34, 35, 54 to 58, 60 to 62, 65, 68 FSX-13, 14</p> <p>DVD-R, Part 2 (v. 2 Auth): <i>Secs.:</i> 1.1, 2.2, 2.3, 2.5, 2.5.1, 2.6.7, 3.2, 3.3, 3.3.1, 3.4, 3.4.1, 3.5, 3.5.1 <i>Annex:</i> B <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, 3.3.1-1, 3.4.1-1, 3.5.1-1 <i>Pages:</i> FS1-1, FS2-2 to 4, 9, 20, 21, FS3-2 to 6, 8 to 10, 12, 15, FSX-B1, B2</p> <p>DVD-R, Part 2 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.2, 2.2.1, 2.2.2, 2.3, 2.3.1, 2.3.2, 2.5, 2.5.1, 2.6.7, 3.2, 3.2.1, 3.2.2, 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> 2.2.1-1, 2.2.2-1, 2.3.1-1, 2.3.2-1 <i>Tables:</i> 2.5.1-1, 2.6.7-1, 3.2.1-1, 3.2.2-1, 3.4.1-1, 3.6.1-1, 3.6.2-1, 3.7.1-1 <i>Pages:</i> FS1-1, FS2-2 to 9, 14, 25, 26, FS3-2 to 5, 17, 18, 23, 24, 27, 28, 31, 39, 40, 42, 43, 51, FSX-D1, D2</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

MITSUBISHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,151,292		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1 <i>Pages:</i> PH-61 to 63, 69</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1 <i>Pages:</i> PH3-1 to 3, 7</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1 <i>Pages:</i> PH3-1 to 3, 8</p>

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MITSUBISHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,163,522		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.1, 2.1.6.4, 2.2.6.5, 3.1.1, 3.1.4, 3.2.9, 4.1.1, 4.1.4, 4.1.4.2, 4.2.1, 4.2.2, 4.2.3.1 <i>Figs.:</i> 4.1.4-1, 4.2.1-1, 4.2.1-3 <i>Pages:</i> PH-15, 31, 51, 61, 72, 95 to 99, 101, 103</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.1.1, 2.1.6.4, 2.2.6.5, 3.1.1, 3.1.4, 3.2.9, 4.1.1, 4.1.4, 4.1.4.2, 4.2.1, 4.2.2, 4.2.3.1 <i>Figs.:</i> 4.1.4-1, 4.2.1-1, 4.2.1-3 <i>Pages:</i> PH2-1, 16, 34, PH3-1, 10, PH4-1 to 6, 9</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.1, 2.1.6.4, 2.2.6.7, 3.1.1, 3.1.4, 3.2.9, 4.1.1, 4.1.4, 4.1.4.2, 4.2.1, 4.2.2, 4.2.3.1, 4.2.3.2 <i>Figs.:</i> 3.1.4-1, 4.1.4-1, 4.2.1-1, 4.2.1-3, 4.2.3.2-1 <i>Pages:</i> PH2-1, 16, 34, PH3-1, 11, PH4-1 to 6, 9</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

MITSUBISHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,529,451		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 1.2, 1.5.43, 2.1.1, 2.2.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.4.1.3, 3.4.1.3.1 <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1, 3.4.1.1-1, 3.4.1.3-1 <i>Table:</i> 3.4.1.2.2-1 <i>Pages:</i> PH-1, 2, 9, 15, 42, 61 to 63, 69, 89 to 91</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.1, 1.2, 1.6, 2.1.1, 2.2.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.4.1.3, 3.4.1.3.1 <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1, 3.4.1.1-1, 3.4.1.3-1 <i>Pages:</i> PH1-1, 2, 11, PH2-1, 25, PH3-1 to 3, 7, 27 to 29</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1.1, 2.2.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.4.1.2, 3.4.1.2.2, 3.4.1.4, 3.4.1.4.1 <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1, 3.4.1.1-1, 3.4.1.2-1 <i>Pages:</i> PH1-1, 2, 10, PH2-1, 25, PH3-1 to 3, 7, 28, 29, 31, 34, 35, 37</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

MITSUBISHI ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,930,965		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 1.2, 1.5.43, 2.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9 <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1 <i>Pages:</i> PH-1, 2, 9, 15, 61 to 63, 69, 72</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.1, 1.2, 1.6, 2.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9 <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1 <i>Pages:</i> PH1-1, 2, 11, PH2-1, PH3-1 to 3, 7, 10</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9 <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1 <i>Pages:</i> PH1-1, 2, 10, PH2-1, PH3-1 to 3, 8, 11</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-R Specification
4,728,929		8	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2.9, 3.3, 3.3.1, 3.3.2 <i>Fig.:</i> 3.3-2 <i>Tables:</i> 3.2.9-1, 3.3-1, 3.3-2 <i>Pages:</i> PH-72, 73, 75-1, 75-2, 76, 78 to 85</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2.9, 3.3, 3.3.1, 3.3.2 <i>Fig.:</i> 3.3-2 <i>Tables:</i> 3.2.9-1, 3.3-1, 3.3-2 <i>Pages:</i> PH3-10, 11, 13 to 15, 17 to 24</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2.9, 3.3, 3.3.1, 3.3.2 <i>Fig.:</i> 3.3-2 <i>Tables:</i> 3.2.9-1, 3.3-1, 3.3-2 <i>Pages:</i> PH3-11, 12, 15 to 17, 19 to 26</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,185,792		2	<p>DVD-R, Part 2, (v. 1): <i>Secs.:</i> 1.1, 3.9, 3.9.4 <i>Tables:</i> 3.9.4-1, 3.9.4-2 <i>Pages:</i> FS-1, 76, 80</p> <p>DVD-R, Part 1 (v. 1): <i>Annex:</i> T <i>Fig.:</i> T-1 <i>Page:</i> PHX-40</p> <p>DVD-R, Part 2 (v. 2 Auth): <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, FS3-45, 49</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Annex:</i> T <i>Fig.:</i> T-1 <i>Page:</i> PHX-T1</p> <p>DVD-R, Part 2 (v. 2 Gen): <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, FS3-45, 49</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Annex:</i> T <i>Fig.:</i> T-1 <i>Page:</i> PHX-T1</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,276,674		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.2, 2.1.1, 2.1.5.1, 2.1.6.11, 3.1.1, 3.2.7, 3.2.9 <i>Figs.:</i> 2.1.1-1, 2.1.5-1, 3.2.7-1, 3.2.9-1 <i>Pages:</i> PH-2, 15, 28, 29, 31, 61, 69, 72</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.2, 2.1.1, 2.1.5.1, 2.1.6.11, 3.1.1, 3.2.7, 3.2.9 <i>Figs.:</i> 2.1.1-1, 2.1.5-1, 3.2.7-1, 3.2.9-1 <i>Pages:</i> PH1-2, PH2-1, 13, 14, 16, PH3-1, 7, 10</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.2, 2.1.1, 2.1.5.1, 2.1.6.10, 3.1.1, 3.2.7, 3.2.9 <i>Figs.:</i> 2.1.1-1, 2.1.5-1, 3.2.7-1, 3.2.9-1 <i>Pages:</i> PH1-2, PH2-1, 13, 14, 16, PH3-1, 8, 11</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,331,620		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2, 3.2.9, 3.3, 3.3.1 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-62, 72, 73, 75-1, 75-2</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2, 3.2.9, 3.3, 3.3.1 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-2, 10, 11, 13, 14</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2, 3.2.9, 3.3, 3.3.1 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-2, 11, 12, 15, 16</p>

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PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,546,427		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2, 3.2.9, 3.3 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-62, 72, 73, 75-1</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2, 3.2.9, 3.3 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-2, 10, 11, 13</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2, 3.2.9, 3.3 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-2, 11, 12, 15</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,582,891		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.5.48, 2.2.6.2, 4.2.1 <i>Fig.:</i> 4.2.1-3 <i>Pages:</i> PH-9, 51, 97 to 99</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.6, 2.2.6.2, 4.2.1 <i>Fig.:</i> 4.2.1-3 <i>Pages:</i> PH1-12, PH2-34, PH4-3 to 5</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.5, 2.2.6.4, 4.2.1 <i>Fig.:</i> 4.2.1-3 <i>Pages:</i> PH1-11, PH2-34, PH4-3 to 5</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,623,477 ²		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2.9, 3.3 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-72, 73, 75-1</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2.9, 3.3 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-10, 11, 13</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2.9, 3.3 <i>Fig.:</i> 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-11, 12, 15</p>

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

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,790,487	EP 686,968 (DE, FR, GB); KR 254,155	1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1 <i>Pages:</i> PH-61 to 63, 68</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1 <i>Pages:</i> PH3-1 to 3, 6</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1 <i>Pages:</i> PH3-1 to 3, 7</p>
6,052,465	CN ZL 96191826.8; EP 807,929 (DE, FR, GB); EP 1,005,034 (DE, FR, GB)	1	<p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.6.3, 2.1.6.5, 2.1.6.10, 3.4.1.1, 3.4.1.4, 3.4.1.4.1 <i>Annex:</i> W.2, W.3 <i>Figs.:</i> 3.4.1.1-1, W.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-16, PH3-27, 34, 35, 38, PHX-W1</p>
6,128,388		1	<p>DVD-R, Part 1 (v. 2 Gen): <i>Sec.:</i> 2.1.6.5 <i>Annex:</i> W.2 to W.4 <i>Pages:</i> PH2-16, PHX-W1</p>
6,144,742		1	<p>DVD-R, Part 1 (v. 2 Gen): <i>Sec.</i> 2.1.6.5 <i>Annex:</i> W.1 to W.3, W.5.2, W.7 <i>Figs.:</i> 2.1.6-1, W.2-1, W.5-1 <i>Pages:</i> PH2-16, 18, PHX-W1 to W4</p>

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PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,160,888		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.6.3, 2.1.6.5, 2.1.6.10, 3.4.1.1, 3.4.1.4, 3.4.1.4.1 <i>Annex:</i> W.2, W.3 <i>Figs.:</i> 3.4.1.1-1, W.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-16, PH3-27, 34, 35, 38, PHX-W1
6,175,629		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1, 2.1.6.3, 2.1.6.5, 2.1.6.10, 3.2.7, 3.2.9, 3.4.1.4, 3.4.1.4.1, 3.4.1.7, 4.1.4.2 <i>Annex:</i> W.3 <i>Figs.:</i> 3.4.1.1-1, W.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-1, 16, PH3-8, 11, 12, 28, 34 to 36, 38, 39, PH4-2, PHX-W1
6,208,736	EP 1,005,035 (DE, FR, GB)	1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.6.3, 2.1.6.5, 2.1.6.10, 3.4.1.1, 3.4.1.4, 3.4.1.4.1 <i>Annex:</i> W.2, W.3 <i>Figs.:</i> 3.4.1.1-1, W.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-16, PH3-27, 34, 35, 38, PHX-W)
6,229,896		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.6.3, 2.1.6.5, 2.1.6.10, 3.4.1.1, 3.4.1.4, 3.4.1.4.1 <i>Annex:</i> W.2, W.3 <i>Figs.:</i> 3.4.1.1-1, W.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-16, PH3-27, 34, 35, 38, PHX-W1
6,246,663		1	DVD-R, Part 1 (v. 2 Gen): <i>Annex:</i> X.1.1, X.1.3.11, X.1.3.12, X.2.2 <i>Figs.:</i> X.1.1-1 to X.1.1-3, X.1.3-6 to X.1.3-8, X.2.2-1 <i>Pages:</i> PHX-X1 to X3-2, X11, X12, X19 to X22, X49, X50

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PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,285,762		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.6.3, 2.1.6.5, 2.1.6.10, 3.4.1.1, 3.4.1.4, 3.4.1.4.1, 4.1.4.2, 4.2.3.1 <i>Annex:</i> W.2, W.3 <i>Figs.:</i> 3.4.1.1-1, W.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-16, PH3-27, 34, 35, 38, PH4-2, 9, PHX-W1
6,285,764		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.1.6.3, 2.1.6.5, 2.1.6.10, 3.4.1.1, 3.4.1.4, 3.4.1.4.1, 4.1, 4.1.4.1, 4.1.4.2 <i>Annex:</i> W.1 to W.4, W.5.3, W.9.2 <i>Figs.:</i> 3.4.1.1-1, 3.4.1.4-1, 4.1.4-1, W.2-1, W.5-1, W.9-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, PH2-16, PH3-27, 34, 35, 38, PH4-1, 2, PHX-W1, W3, W6
6,298,138		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.1.6.3, 2.1.6.5, 2.1.6.10, 3.1.4, 3.4.1.1, 3.4.1.4, 3.4.1.4.1, 3.4.1.7, 4.1, 4.1.4.1, 4.1.4.2 <i>Annex:</i> W.1 to W.4, W.5.3, W.9.2 <i>Figs.:</i> 3.1.4-1, 3.4.1.1-1, 3.4.1.4-1, 4.1.4-1, W.2-1, W.5-1, W.9-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, PH2-16, PH3-1, 27, 34, 35, 38, 39, PH4-1, 2, PHX-W1, W3, W6
6,463,027	EP 828,249 (DE, FR, GB); HK 1,005,273; TW 104,567	1	DVD-R, Part 1 (v. 2 Gen): <i>Sec.:</i> 2.1.4.7 <i>Annex:</i> X.1.1, X.1.3.5, X.1.3.11 to X.1.3.13, X.1.4.11 to X.1.4.13, X.1.8.5, X.2.2 <i>Figs.:</i> X.1.1-1 to X.1.1-3, X.1.3-3, X.1.3-5 to X.1.3-8, X.1.4-5 to X.1.4-8, X.2.2-1 <i>Pages:</i> PH2-10, PHX-X1 to X3-2, X7, X11 to X13, X17, X19 to X22, X31 to X33, X39 to X42, X46-3, X49, X50

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,590,846	EP 1,204,102 (DE, FR, GB)	1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.1.3.2, 3.2.4, 3.2.4.1, 3.4.1.1, 3.4.1.2, 3.4.1.2.2, 3.4.1.4, 3.4.1.4.1, 4.1.4.1 <i>Figs.:</i> 2.2.4.1-1, 3.2.1-1, 3.4.1.1-1, 3.4.1.2-1, 3.4.1.4-1, 4.1.4-1 <i>Pages:</i> PH1-1, PH2-4, 32, PH3-2, 4, 5, 27 to 29, 34, 35, PH4-2
6,597,654		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.1.3.2, 3.2.4, 3.2.4.2, 3.4.1.1, 3.4.1.2, 3.4.1.2.2, 3.4.1.4, 4.1.4.1 <i>Figs.:</i> 2.2.4.1-1, 3.2.1-1, 3.4.1.1-1, 3.4.1.2-1, 3.4.1.4-1, 4.1.4-1 <i>Pages:</i> PH1-1, PH2-4, 32, PH3-2, 4, 5, 27, 29, 34, 38, PH4-2
6,600,706		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1.1, 2.1.6, 3.4.1.1, 3.4.1.4, 3.4.1.4.1, 4.1.4.1, 4.1.4.2, 4.3.1 <i>Annex:</i> W.1 to W.4 <i>Figs.:</i> 2.1.1-1, 3.4.1.1-1, 4.1.4-1, 4.3-1, W.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, 2, 11, PH2-1, 16, PH3-27, 34, 35, 38, PH4-2, 24, PHX-W1
6,603,732	EP 1,204,099 (DE, FR, GB); SG 101,523	1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.1.3.2, 3.2.4, 3.2.4.2, 3.4.1.1, 3.4.1.2, 3.4.1.4, 4.1.4.1 <i>Figs.:</i> 2.2.4.1-1, 3.2.1-1, 3.4.1.1-1, 3.4.1.2-1, 3.4.1.4-1, 4.1.4-1 <i>Pages:</i> PH1-1, PH2-4, 32, PH3-2, 4, 5, 27, 34, 38, PH4-2
6,614,749	EP 1,098,303 (DE, FR, GB); SG 79,094	1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.1.3.2, 3.2.4, 3.2.4.1, 3.4.1.1, 3.4.1.2, 3.4.1.4, 4.1.4.1 <i>Figs.:</i> 2.2.4.1-1, 3.2.1-1, 3.4.1.1-1, 3.4.1.2-1, 3.4.1.4-1, 4.1.4-1 <i>Pages:</i> PH1-1, PH2-4, 32, PH3-2, 4, 5, 27, 34, 38, PH4-2

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PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,751,176		7	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 1.5.1, 1.5.2, 1.5.3, 1.5.48, 2.1, 2.1.6.3, 2.1.6.4, 2.1.6.6, 2.1.6.7, 2.1.6.11, 3.2.9 <i>Annex:</i> P.1, P.2, P.3.1 <i>Figs.:</i> 2.1.1-1, P.1-3, P.3-1, P.3-2 <i>Tables:</i> P.2-1, P.3-1 <i>Pages:</i> PH-1, 5, 9, 15, 31, 72, PHX-31 to 35</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.1, 1.5, 2.1, 2.1.6.3, 2.1.6.4, 2.1.6.6, 2.1.6.7, 2.1.6.11, 3.2.9 <i>Annex:</i> P.1, P.2, P.3.1 <i>Figs.:</i> 2.1.1-1, P.1-3, P.3-1, P.3-2 <i>Tables:</i> P.2-1, P.3-1 <i>Pages:</i> PH1-1, 6, 12, PH2-1, 16, PH3-10, PHX-P1 to P5</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.5, 2.1, 2.1.6.3, 2.1.6.4, 2.1.6.5, 2.1.6.6, 2.1.6.10, 3.2.9 <i>Annex:</i> P.1, P.2, P.3.1 <i>Figs.:</i> 2.1.1-1, P.1-2, P.3-1, P.3-2 <i>Tables:</i> P.2-1, P.3-1 <i>Pages:</i> PH1-1, 5, 11, PH2-1, 16, PH3-11, PHX-P1 to P5</p>
6,862,685		1	<p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1.1, 2.1.6, 3.4.1.1, 3.4.1.4, 3.4.1.4.1, 4.1.4.1, 4.1.4.2, 4.3.1 <i>Annex:</i> W.1 to W.3 <i>Figs.:</i> 2.1.1-1, 3.4.1.1-1, 3.4.1.4-1, 4.1.4-1, 4.3-1, W.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, 2, 11, PH2-1, 16, PH3-27, 34, 35, 38, PH4-2, 24, PHX-W1</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,885,629		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 3.4.1.1, 3.4.1.2.2, 3.4.1.5 <i>Annex:</i> W.1 to W.4, W.10 <i>Figs.:</i> 3.1.4-1, 3.4.1.1-1, W.2-1 <i>Tables:</i> 3.4.1.2.2-1, W.10-2 <i>Pages:</i> PH1-1, PH3-27, 29, 32, 39-4, PHX-W1, W8
6,944,107	EP 1,305,797 (DE, FR, GB, IT, NL); KR 602,407	1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.1.1, 2.1.7.1, 4.1.4, 4.1.4.1, 4.3, 4.3.1, 4.3.1.1 <i>Figs.:</i> 2.1.1-1, 2.1.7.1-1, 4.1.4-1, 4.3.1-1, 4.3.1.1-1 <i>Pages:</i> PH1-1, PH2-1, 19, 22, PH4-1, 2, 24
7,016,597		1	DVD-R, Part 2 (v. 2 Gen): <i>Secs.:</i> 1.3.8, 1.3.29, 1.3.38, 2.2, 2.2.2, 3.2.2, 3.8.2 <i>Annex:</i> C.2, C.3 <i>Figs.:</i> 3.2.2-1, C.2-1, C.3-1 <i>Tables:</i> 3.2.2-1, C.3-1 <i>Pages:</i> FS1-3, 5, FS2-2, 3, FS3-4, 5, 44, FSX-C1, C3 to C6, C8
7,103,781		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.1.1, 3.4.1.1, 3.4.1.4, 3.4.1.4.1, 4.1.4.1, 4.1.4.2 <i>Annex:</i> W.1 to W.3 <i>Figs.:</i> 2.1.1-1, 3.4.1.1-1, 3.4.1.4-1, 4.1.4-1, W.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, PH2-1, PH3-27, 34, 35, 38, PH4-2, PHX-W1
7,110,544		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1.1, 2.1.6, 3.2, 3.2.1, 3.2.2, 3.4.1.1, 3.4.1.4, 3.4.1.4.1, 3.4.1.7, 4.1.4.1, 4.1.4.2 <i>Annex:</i> W.1 to W.3 <i>Figs.:</i> 2.1.1-1, 3.1.4-1, 3.2.1-1, 3.4.1.1-1, 3.4.1.4-1, 4.1.4-1, W.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, 2, 11, PH2-1, 16, PH3-2, 3, 27, 34, 35, 38, 39-4, PH4-2, PHX-W1

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PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
7,130,840	KR 491,193	1	DVD-R, Part 2 (v. 2 Gen): <i>Secs.:</i> 1.1, 2.2.2, 2.3.2, 3.1, 3.2, 3.2.2, 3.3, 3.3.2 <i>Figs.:</i> 2.2.2-1, 2.3.2-1 <i>Tables:</i> 3.2.2-1, 3.3-1, 3.3.2-1, 3.3.2-2 <i>Pages:</i> FS1-1, FS2-3, 4, 8, 9, FS3-1, 2, 4 to 7, 12 to 16
7,136,348		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.5, 2.1, 2.1.6.3, 2.1.6.5, 2.1.6.10, 4.3.1, 4.3.1.1, 4.3.2.1, 4.3.2.2, 4.3.2.2.2 <i>Annex:</i> L, W.1, W.2, W.3, W.5.2, W.10 <i>Figs.:</i> 2.1.1-1, 2.1.6-1, 3.1.4-1, 4.3.1-1, W.2-1 <i>Tables:</i> 4.3.2.2.2-1, W.10-1 <i>Pages:</i> PH1-1, 5, 7, 9, 10, PH2-1, 16, 18, PH3-1, PH4-24, 25, 27, 29-2, 30, 31, PHX-L1, W1, W2, W8
RE 37,185		7, 13	DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.1, 2.1.4.7, 2.1.5.1, 2.2.1, 3.1.1, 3.1.2 <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.1.5-1, 2.2.1-1, 2.2.4.1-1 <i>Pages:</i> PH-15, 25, 27 to 29, 42, 49, 61 DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.1.1, 2.1.4.7, 2.1.5.1, 2.2.1, 3.1.1, 3.1.2 <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.1.5-1, 2.2.1-1, 2.2.4.1-1 <i>Pages:</i> PH2-1, 10, 12 to 14, 25, 32, PH3-1 DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.1, 2.1.4.7, 2.1.5.1, 2.2.1, 3.1.1, 3.1.2 <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.1.5-1, 2.2.1-1, 2.2.4.1-1 <i>Pages:</i> PH2-1, 10, 12 to 14, 25, 32, PH3-1

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PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
RE 37,801		6	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 1.5.3, 3.2.9, 3.3 <i>Figs.:</i> 2.1.7.2-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-1, 5, 38, 72, 73, 75-1</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.1, 1.6, 3.2.9, 3.3 <i>Figs.:</i> 2.1.7.2-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH1-1, 6, PH2-23, PH3-10, 11, 13</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.5, 3.2.9, 3.3 <i>Figs.:</i> 2.1.7.2-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH1-1, 5, PH2-23, PH3-11, 12, 15</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
RE 39,771		23	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.5.5, 1.5.43, 3.1.4, 3.2, 3.2.2, 3.2.6 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH-5, 9, 61 to 63, 68</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.6, 3.1.4, 3.2, 3.2.2, 3.2.6 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH1-6, 11, PH3-1 to 3, 6</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.5, 3.1.4, 3.2, 3.2.2, 3.2.6 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH1-5, 10, PH3-1 to 3, 7</p>

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PANASONIC ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
RE 39,832		6	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 1.5.3, 3.2.9, 3.3 <i>Figs.:</i> 2.1.7.2-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-1, 5, 38, 72, 73, 75-1</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.1, 1.6, 3.2.9, 3.3 <i>Figs.:</i> 2.1.7.2-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH1-1, 6, PH2-23, PH3-10, 11, 13</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.5, 3.2.9, 3.3 <i>Figs.:</i> 2.1.7.2-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH1-1, 5, PH2-23, PH3-11, 12, 15</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC/TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,732,066	TW 84,703	1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.6.5, 2.1.6.6, 2.1.6.11, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.4.1.1 <i>Figs.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1 <i>Pages:</i> PH-31, 33, 61 to 63, 68, 87</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.1.6.5, 2.1.6.10, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.4.1.1 <i>Figs.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1 <i>Pages:</i> PH2-16, 18, PH3-1 to 3, 6, 25</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.6.5, 2.1.6.10, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.4.1.1 <i>Figs.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1 <i>Pages:</i> PH2-16, 18, PH3-1 to 3, 7, 27</p>
5,790,569	CA 2,190,985; KR 255,105; TW 89,851; VN 1,269	17	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8 <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.8-1 <i>Pages:</i> PH-62, 69, 71</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8 <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.8-1 <i>Pages:</i> PH3-2, 7, 9</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8 <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.8-1 <i>Pages:</i> PH3-2, 8, 10</p>

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PANASONIC/TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,867,475	CA 2,217,005; CN ZL 96194622.9; EP 820,629 (AT, BE, CH, DE, FR, GB, LI, NL) (Lapsed in ES, IT, LU, SE); HK 1,008,610; ID 8,062 (ID 960,933); SG 46,792; TH 14,818; VN 1,400	1	DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.6.5, 2.1.6.6, 2.1.6.11, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.4.1.1 <i>Figs.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1 <i>Pages:</i> PH-31, 33, 61 to 63, 68, 87 DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.1.6.5, 2.1.6.10, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.4.1.1 <i>Figs.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1 <i>Pages:</i> PH2-16, 18, PH3-1 to 3, 6, 25 DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.6.5, 2.1.6.10, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.4.1.1 <i>Figs.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1 <i>Pages:</i> PH2-16, 18, PH3-1 to 3, 7, 27

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PANASONIC/TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,881,037	CA 2,192,062; CN ZL 96190546.8; EP 764,327 (AT, BE, CH, DE, ES, FR, GB, IT, LI, LU, NL, SE); HK 1,005,837; ID 5,094 (ID 960,868); KR 377,524; MX 211,803; MY 112,830; PH 52,831; SG 36,463; TH 16,120; TW 126,249; VN 1,152	1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2, 3.2.9, 3.3, 3.3.1 <i>Figs.:</i> 3.2-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-62, 72, 73, 75-2</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2, 3.2.9, 3.3, 3.3.1 <i>Figs.:</i> 3.2-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-2, 10, 11, 13, 14</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2, 3.2.9, 3.3, 3.3.1 <i>Figs.:</i> 3.2-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH3-2, 11, 12, 15, 16</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC/TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,912,869	AU 708,923; BR PI 9606290-8; CA 2,191,702; CN ZL 96190540.9; EP 763,239 (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, SE); HK 1,004,647; ID 11,625; KR 377,523; MX 196,771; MY 112,963; NO 318,893; RU 2,159,966; SG 35,867; TW 84,702; VN 1,480	1	DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 1.2, 1.5.3, 1.5.27, 1.5.47, 3.1.1, 3.2.9, 3.3 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-1, 2, 5, 7, 9, 61, 72, 73, 75 DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.1, 1.2, 1.6, 3.1.1, 3.2.9, 3.3 <i>Fig.:</i> 1.5-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH1-1, 2, 6, 9, PH3-1, 10, 11, 13 DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.2, 1.5, 3.1.1, 3.2.9, 3.3, 3.4.1.1 <i>Fig.:</i> 1.5-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH1-1, 2, 5, 8, PH3-1, 11, 12, 15, 27

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

PANASONIC/TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,978,958	AU 706,245; CN ZL 96190566.2; KR 402,373; MX 205,657; MY 116,510; NO 322,734; PH 52,832; RU 2,154,897; SG 39,108; TW 82,934	5	DVD-R, Part 1 (v. 1): <i>Secs.:</i> 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.2-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH-62, 63, 69, 71, 72 DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.2-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH3-2, 3, 7, 9, 10 DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.2-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH3-2, 3, 8, 10, 11

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

SAMSUNG ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
6,389,569	PH 1-1999-00995	32	DVD-R, Part 2 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.6, 2.1, 2.2, 3.1, 3.2, 3.2.2, 3.5.2, 3.6, 3.6.1, 3.6.2, 3.6.3, 3.8.2, 3.9 <i>Annex:</i> A, B, C.3 <i>Fig.:</i> 3.2.2-1 <i>Tables:</i> 3.6.1-1, 3.6.2-1, 3.6.3-1, 3.6.3-2, B.3.2-1 <i>Pages:</i> FS1-1, 13, FS2-1, 2, FS3-1, 2, 4, 22 to 26, 28 to 33, 44, 45, FSX-A1 to A6, B1 to B5, C3 to C5
6,868,054		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 3.4.1.1, 3.4.1.2.2, 3.4.1.4, 3.4.1.4.1 <i>Fig.:</i> 3.4.1.4-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, PH3-27, 34, 35, 38-4
7,088,660		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 3.4.1.1, 3.4.1.2.2, 3.4.1.4, 3.4.1.4.1 <i>Fig.:</i> 3.4.1.4-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, PH3-27, 34, 35, 38-4

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

SHARP ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-R Specification
5,870,375		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 1.2, 1.5.5, 1.5.10, 1.5.43, 1.5.44, 1.5.49, 2.2.1, 3.2, 3.2.1, 3.2.2, 3.2.9, 4.1.4, 4.1.4.1, 4.2.1, 4.2.2 <i>Annex:</i> N <i>Figs.:</i> 2.2.1-1, 3.2-1, 3.2.1-1, 3.2.9-1, 4.1.4-1, 4.2.1-1, 4.2.1-3, 4.2.1-5, N-1 <i>Pages:</i> PH-1, 2, 5, 6, 9, 15, 62, 63, 72, 95 to 101, PHX-29</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.1, 1.2, 1.6, 2.2.1, 3.2, 3.2.1, 3.2.2, 3.2.9, 4.1.4, 4.1.4.1, 4.2.1, 4.2.2 <i>Annex:</i> N <i>Figs.:</i> 2.2.1-1, 3.2-1, 3.2.1-1, 3.2.9-1, 4.1.4-1, 4.2.1-1, 4.2.1-3, 4.2.2-3, N-1 <i>Pages:</i> PH1-1, 2, 6, 11, 12, PH2-1, PH3-2, 3, 10, PH4-1 to 7, PHX-N2</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.2, 1.5, 2.2.1, 3.2, 3.2.1, 3.2.2, 3.2.9, 4.1.4, 4.1.4.1, 4.2.1, 4.2.2 <i>Annex:</i> N <i>Figs.:</i> 2.2.1-1, 3.2-1, 3.2.1-1, 3.2.9-1, 4.1.4-1, 4.2.1-1, 4.2.1-3, 4.2.2-3, N-1 <i>Pages:</i> PH1-1, 2, 5 to 7, 10, 11, PH2-1, PH3-2, 3, 11, PH4-1 to 7, PHX-N2</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

SHARP ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,953,297		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.1, 1.2, 1.5.5, 1.6, 2.2.7.3, 3.2, 3.2.1, 3.2.2, 3.2.9, 4.1.4, 4.2.1, 4.2.2 <i>Annex:</i> N <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.9-1, 4.1.4-1, 4.2.1-1, 4.2.1-3, 4.2.1-5, N-1 <i>Pages:</i> PH-1, 2, 5, 6, 9, 57, 62, 63, 72, 95 to 101, PHX-29, 30</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.1, 1.2, 1.5.5, 1.6, 2.2.7.3, 3.2, 3.2.1, 3.2.2, 3.2.9, 4.1.4, 4.2.1, 4.2.2 <i>Annex:</i> N <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.9-1, 4.1.4-1, 4.2.1-1, 4.2.1-3, 4.2.1-5, N-1 <i>Pages:</i> PH1-1, 2, 6, 7, 12, PH2-39, PH3-2, 3, 12, PH4-1 to 6, PHX-N1, N2</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.1, 1.2, 1.6, 2.2.7.3, 3.2, 3.2.1, 3.2.2, 3.2.9, 4.1.4, 4.2.1, 4.2.2 <i>Annex:</i> N <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.9-1, 4.1.4-1, 4.2.1-1, 4.2.1-3, 4.2.2-3, N-1 <i>Pages:</i> PH1-1, 2, 6, 11, PH2-39, PH3-2, 3, 12, PH4-1 to 6, PHX-N1, N2</p>

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TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-R Specification
5,587,991	KR 191,944	1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1, 3.2.9, 3.3.2 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-15, 72, 73, 76</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.1, 3.2.9, 3.3.2 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH2-1, PH3-10, 11, 15</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1, 3.2.9, 3.3.2 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH2-1, PH3-11, 12, 17</p>
5,708,651		1	<p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.2, 2.1.1, 2.1.4.2, 2.1.5.1, 2.1.5.3, 2.1.5.5, 3.4.1.1, 3.4.1.4 <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.1.5-1, 2.1.5-2, 2.2.4.1-1, 3.4.1.1-1, 3.4.1.4-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-2, PH2-1, 10, 12 to 15, 32, PH3-27, 34, 35</p>
5,757,764		1	<p>DVD-R, Part 1 (v. 2 Gen): <i>Annex:</i> X.1.1.1 to X.1.1.5, X.1.2.1, X.1.3.8, X.1.4.8, X.1.4.11, X.1.4.12, X.1.4.16, X.1.5, X.1.5.2, X.1.6, X.1.6.2, X.1.7, X.1.7.2, X.2.2, X.4 <i>Figs.:</i> X.1.1-1 to X.1.1-3, X.1.3-4, X.1.4-4 to X.1.4-7, X.2.2-1, X.4-1 <i>Pages:</i> PHX-X1 to X4, X9, X18, X29, X31, X32, X34, X38 to X41, X45, X46, X46-2, X49, X50, X52</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,796,713	KR 276,488; TW 123,331	11	<p>DVD-R, Part 1 (v. 2 Gen): <i>Annex:</i> X.1.1.1, X.1.1.2, X.1.1.4, X.1.4.9, X.1.4.11, X.1.4.12, X.1.4.13, X.1.4.16, X.1.6, X.1.6.1, X.1.6.2, X.2.2, X.4 <i>Figs.:</i> X.1.1-2, X.1.1-3, X.1.4-4 to X.1.4-8, X.2.2-1, X.4-1 <i>Tables:</i> X.1.4.9-1, X.1.6.1-1 <i>Pages:</i> PHX-X1, X3, X3-2, X30 to X34, X38 to X42, X46, X49, X50, X52</p>
5,831,966		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.1, 3.2.2, 3.4.1.1, 3.4.1.3, 3.4.1.3.1, 4.1.2 <i>Figs.:</i> 2.1.1-1, 3.4.1.1-1, 3.4.1.3-1 <i>Table:</i> 3.4.1.3.1-1 <i>Pages:</i> PH-15, 63, 87, 89, 91, 95</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.1.1, 3.2.2, 3.4.1.1, 3.4.1.3, 3.4.1.3.1, 4.1.2 <i>Figs.:</i> 2.1.1-1, 3.4.1.3-1, 3.4.1.1-1 <i>Table:</i> 3.4.1.3.1-1 <i>Pages:</i> PH2-1, PH3-3, 25, 27, 29, PH4-1</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.1, 3.2.2, 3.4.1.1, 3.4.1.2, 3.4.1.2.2, 4.1.2 <i>Figs.:</i> 2.1.1-1, 3.4.1.1-1, 3.4.1.2-1 <i>Table:</i> 3.4.1.2.2-1 <i>Pages:</i> PH2-1, PH3-3, 27 to 30, PH4-1</p>

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TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,858,498		14	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.1, 2.1.4, 2.1.5, 2.1.5.1, 2.2.1, 2.2.4, 2.2.5, 2.2.5.1 <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.1.5-1, 2.2.1-1, 2.2.4.1-1 <i>Pages:</i> PH-15, 25 to 29, 42, 48 to 50</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.1.1, 2.1.4, 2.1.5, 2.1.5.1, 2.2.1, 2.2.4, 2.2.5, 2.2.5.1 <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.1.5-1, 2.2.1-1, 2.2.4.1-1 <i>Pages:</i> PH2-1, 10 to 14, 25, 31 to 33</p>
5,881,046		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.2.3.2, 3.2, 3.2.9, 3.3, 3.3.1, 3.3.2 <i>Annex:</i> J <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-45, 62, 72, 73, 75-1, 75-2, 76, PHX-19 to 21</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.2.3.2, 3.2, 3.2.9, 3.3, 3.3.1, 3.3.2 <i>Annex:</i> J <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH2-28, PH3-2, 10, 11, 13 to 15, PHX-J1 to J3</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 2.2.3.2, 3.2, 3.2.9, 3.3, 3.3.1, 3.3.2 <i>Annex:</i> J <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH2-28, PH3-2, 11, 12, 15 to 17, PHX-J1 to J3</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
5,956,306		4	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 2.1.3.2, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH-18, 62 to 64, 69, 71, 72</p> <p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 2.1.3.2, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH2-4, PH3-2, 3, 4, 7, 9, 10</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.3.2, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1 <i>Pages:</i> PH2-4, PH3-2 to 4, 8, 10, 11</p>
5,959,962		1	<p>DVD-R, Part 1 (v. 1): <i>Secs.:</i> 1.5.5, 1.5.14, 1.5.50, 1.5.51, 2.1.1, 2.2.1, 2.2.3.8.1, 2.2.7.1, 3.1.4, 3.2.2, 3.4.1, 3.4.1.1, 3.4.1.3, 3.4.1.3.1, 4.1.1, 4.1.4.1, 4.2.1, 4.2.3, 4.2.3.5, 4.2.3.6, 4.2.3.7, 4.3.2.2, 4.3.2.2.1 <i>Annex:</i> K, L, T <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.2.1-1, 2.2.4-1, 2.2.7.1-2, 3.1.4-1, 3.4.1.1-1, 3.4.1.3-1, 4.1.4-1, 4.2.3.5-1, 4.2.3.6-1, 4.2.3.7-1, 4.2.3.7-2, 4.2.3.7-3 <i>Tables:</i> 3.4.1.3.1-1, 3.4.1.3.1-2, 4.2.3-1, 4.2.3.5-1, 4.2.3.6-1, 4.3.2.2-1, 4.3.2.2-2 <i>Pages:</i> PH-5, 6, 9, 15, 27, 42, 46, 49, 52, 53, 61, 63, 87, 89 to 93, 95 to 97, 102, 106 to 114, 120 to 122, PHX-22, 25, 40</p>

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TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
			<p>DVD-R, Part 1 (v. 2 Auth): <i>Secs.:</i> 1.6, 2.1.1, 2.2.1, 2.2.3.8.1, 2.2.7.1, 3.1.4, 3.2.2, 3.4.1, 3.4.1.1, 3.4.1.3, 3.4.1.3.1, 4.1.1, 4.1.4.1, 4.2.1, 4.2.3, 4.2.3.5, 4.2.3.6, 4.2.3.6.1, 4.2.3.7, 4.3.2.2, 4.3.2.2.1 <i>Annex:</i> K, L, T <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.2.1-1, 2.2.4.1-1, 2.2.7.1-2, 3.1.4-1, 3.4.1.1-1, 3.4.1.3-1, 4.1.4-1, 4.2.3.5-1, 4.2.3.6-1, 4.2.3.6-2, 4.2.3.7-1, 4.2.3.7-2, 4.3.2.2-1 <i>Tables:</i> 3.4.1.3.1-1, 3.4.1.3.1-2, 4.2.3-1, 4.2.3.5.2-1, 4.2.3.6.1-1, 4.3.2.2.1-1, 4.3.2.2.1-2 <i>Pages:</i> PH1-6, 7, 13, PH2-1, 12, 25, 29, 32, 35, 36, PH3-1, 3, 25, 27 to 30, PH4-1 to 3, 8, 12 to 16, 21, 22, 26 to 28, PHX-K1, L1, T1</p> <p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.5, 2.1.1, 2.2.1, 2.2.3.8.1, 2.2.7.1, 3.1.4, 3.2.2, 3.4.1, 3.4.1.1, 3.4.1.2, 3.4.1.2.2, 3.4.1.4, 3.4.1.4.1, 4.1.1, 4.1.4.1, 4.2.1, 4.2.3, 4.2.3.5, 4.2.3.5.1, 4.2.3.5.2, 4.2.3.5.3, 4.2.3.6, 4.2.3.6.1, 4.3.2.2, 4.3.2.2.1, 4.3.2.2.2 <i>Annex:</i> K, L, T <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.2.1-1, 2.2.4.1-1, 2.2.7.1-2, 3.1.4-1, 3.4.1.1-1, 3.4.1.2-1, 3.4.1.4-1, 4.1.4-1, 4.2.3.5-1, 4.2.3.6-1, 4.2.3.6-2 <i>Tables:</i> 3.4.1.2.2-1, 3.4.1.4.1-1, 3.4.1.2.2-2, 3.4.1.4.1-1, 3.4.1.4.1-2, 4.2.3-1, 4.2.3.5.2-1, 4.2.3.6.1-1, 4.2.3.6.1-2, 4.3.2.2.1-1, 4.3.2.2.1-2 <i>Pages:</i> PH1-5, 6, 12, PH2-1, 12, 25, 29, 32, 35, 36, PH3-1, 3, 27 to 32, 34 to 39, PH4-1 to 3, 8, 12 to 16, 27 to 29, PHX-K1, L1 to L3, T1</p>
6,014,365	KR 276,492	1	<p>DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> X.1.1, X.1.2.1, X.1.3.1, X.1.3.11, X.1.3.12, X.1.3.14, X.1.4.1, X.1.4.11, X.1.4.12, X.1.4.14 <i>Annex:</i> X <i>Figs.:</i> X.1.1-1 to X.1.1-3, X.1.3-1, X.1.3-5 to X.1.3-9, X.1.4-1, X.1.4-5 to X.1.4-9 <i>Pages:</i> PHX-X1 to X5, X11 to X13, X15, X19 to X23, X25, X31 to X33, X35, X39 to X43</p>

SUMMARY REPORT OF ESSENTIAL DVD-R DISC PATENTS

TOSHIBA ESSENTIAL DVD-R DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-R Specification
RE 38,643		1	DVD-R, Part 1 (v. 2 Gen): <i>Secs.:</i> 1.2, 1.5, 2.1, 2.1.3.2, 2.1.5, 2.1.5.1, 2.1.5.3, 2.1.6, 2.1.7, 2.2, 2.2.1, 2.2.3.2, 2.2.5, 2.2.5.2, 2.2.6, 2.2.7, 3.4.1.1, 4.1, 4.1.1 <i>Annex:</i> C.2 <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.1.5-1, 2.1.5-2, 2.1.7.1-1, 2.2.1-1, 2.2.4.1-1 <i>Pages:</i> PH1-2, 11, PH2-1, 4, 12, to 16, 19, 22, 25, 28, 32 to 35, PH3-27, PH4-1, PHX-C1