

## SUMMARY REPORT OF ESSENTIAL DVD-ROM AUDIO DISC PATENTS\*

HITACHI ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
4,985,784		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3.1, 6.2, 6.2.1, 6.2.2, 6.2.3, 6.2.3.2-1, 6.2.5  <i>Pages:</i> AU1-1 to 3, AU3-1, AU6-10, 13, 15, 16, 20, 42</p> <p><b>ISO/IEC 13818-1 :</b>  <i>Secs.:</i> 2.5.2.2, 2.5.3.4</p>
6,002,834	EP 729,153 (DE, FR, GB)	1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.6, 8.2  <i>Table:</i> F-6  <i>Pages:</i> AU1-1, 3, AU3-1, 2, 6, AU8-2, AUX-F5</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 1.2, 2.4.42, 3.3.1, 4, 4.2.5, 5.1.1, 5.2.1, 5.4.1, 5.4.1.2  <i>Annex:</i> R.7  <i>Tables:</i> 4.2.5-1, 4.2.5-3(1) to 4.2.5-3(3)  <i>Pages:</i> VI1-2, VI2-9, VI3-12, VI4-1, 70 to 72, VI5-5, 9, 38, 40, VIX-92</p>

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\* 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-ROM Audio Specification
6,009,237		1, 3	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.6, 8.2  <i>Table:</i> F-6  <i>Pages:</i> AU1-1, 3, AU3-1, 2, 6, AU8-2, AUX-F5</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 1.2, 2.4.42, 3.3.1, 4, 4.2.5, 5.1.1, 5.2.1, 5.4.1, 5.4.1.2  <i>Annex:</i> R.7  <i>Tables:</i> 4.2.5-1, 4.2.5-3(1) to 4.2.5-3(3)  <i>Pages:</i> VI1-2, VI2-9, VI3-12, VI4-1, 70 to 72, VI5-5, 9, 38, 40, VIX-92</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
5,016,010		2	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.2, 3, 3.1, 3.1.6, 8, 8.2  <i>Pages:</i> AU1-3, AU3-1, 2, 6, AU8-1, 2</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 5, 5.4.1, 5.4.1.2  <i>Table:</i> 5-2  <i>Pages:</i> VI5-1, 38, 40</p> <p><b>ISO/IEC 13818-2:</b>  <i>Annex:</i> C, C.3.2, C.5</p>
6,141,491	KR 178,819	1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.2, 3, 3.1, 3.1.6, 8, 8.2  <i>Pages:</i> AU1-3, AU3-1, 2, 6, AU8-1, 2</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 1.2, 5.1, 5.1.1, 5.2, 5.2.1, 5.2.3, 5.4.1  <i>Figs.:</i> 5.1-1, 5.2.1-1, 5.2.3-1, 5.4.1-1  <i>Tables:</i> 5.2.1-2, 5.2.3-1  <i>Pages:</i> VI1-2, VI5-3, 5, 9, 10, 14, 15, 38</p>
6,151,442		5	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.2, 7.2.3.1  <i>Fig.:</i> 7.2.3.1-1  <i>Pages:</i> AU1-2, AU7-56</p> <p><b>DVD-ROM Audio, Part 4 (Packed PCM: MLP Reference Information):</b>  <i>Secs.:</i> 1.1, 7.1, 7.5  <i>Fig.:</i> 7.1-1  <i>Pages:</i> MRI-1, 19, 24</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,377,862		8	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.4, 3.2, 3.3, 7, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.4, 7.2.4.1, 7.2.4.1.3, 10  <i>Annex:</i> C  <i>Figs.:</i> 3.1.4-1, 7.2.1-1, 7.2.3-1, 7.2.4-1, 7.2.4.1.3-1, 7.2.4.1.3-2  <i>Tables:</i> 7.2.2-1, 7.2.3.1.1-2, C.1-1  <i>Pages:</i> AU1-1 to 3, AU2-17, 18, AU3-1, 2, 7, 15, AU7-1, 49 to 51, 53, 56 to 58, 60 to 62-1, 70, 71, 76, 77, AU10-1, AUX-C1, C2</p>
6,381,403		14	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 2.4, 3, 3.1, 3.1.2, 3.1.5, 3.1.6, 3.2.3, 3.3.1.2, 5, 5.1.2, 5.1.2.2, 8.2, 10  <i>Annex:</i> F  <i>Figs.:</i> 3.1-1, 3.1-2, 3.2.3-1, 10-1, 10-2  <i>Tables:</i> 5.1.2.2-2, F-2, F-6, F-8, F-9  <i>Pages:</i> AU2-14, AU3-1 to 3, 6, 10, 12, 16, AU5-1, 13, 15, 17 to 19, AU8-2, 3, AU10-1, 2, AUX-F2, F5 to F9</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 3.1.1, 3.1.3, 3.1.4, 4, 4.1, 4.1.2, 4.2, 4.2.3, 4.4, 4.5, 5, 5.1, 5.2, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5  <i>Figs.:</i> 3.1.4-1, 4-1, 4.2-1, 4.2.3-1, 5.1-1, 5.2.2-1, 5.2.3-1, 5.2.4-1, 5.2.5-1  <i>Tables:</i> 4.1.2-2, 5-1  <i>Pages:</i> VI3-1, 3, 4, VI4-1, 2, 12 to 14, 38, 61, 106, 133, VI5-1, 3, 9, 11 to 14, 17, 28</p>
6,385,387		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3.1, 3.2, 3.2.2, 5, 5.1, 5.1.1, 7.2.1, 7.2.3.1  <i>Annex:</i> A.2, E.36  <i>Figs.:</i> 3.1-1, 7.2.1-1, 7.2.3.1-1, A.2-1  <i>Table:</i> 5.1.1-1  <i>Pages:</i> AU1-1, 2, AU3-1, 2, 7 to 9, AU5-1 to 3, 6, AU7-49, 50, 56, AUX-A7, A8, E14</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,393,203		5	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 7.2.3.1  <i>Fig.:</i> 7.2.3.1-1  <i>Pages:</i> AU1-1, 2, AU7-56</p> <p><b>DVD-ROM Audio, Part 4 (Packed PCM: MLP Reference Information):</b>  <i>Secs.:</i> 1.1, 7.1, 7.5  <i>Fig.:</i> 7.1-1  <i>Pages:</i> MRI-1, 19, 24</p>
6,463,410		1	<p><b>DVD-ROM Audio, Part 4 (Packed PCM: MLP Reference Information):</b>  <i>Secs.:</i> 1.1, 1.3, 3, 6.2, 6.6, 7.1, 7.2, 7.3, 7.4, 8.2, 8.4, 8.5, 8.6, 9.4.4, 9.4.5  <i>Figs.:</i> 6.2-1, 7.1-1, 7.2-1, 7.3-1, 7.4-1, 8.4-1, 8.5-1  <i>Pages:</i> MRI-1, 7, 13, 17, 19 to 23, 25 to 27, 40, 41</p>
6,560,403		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.1, 3.1.2, 3.1.4, 4, 4.1, 4.2, 4.3, 5, 5.1, 5.1.2, 7, 7.1, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 7.2.4  <i>Figs.:</i> 3.1-2, 3.1.1-1, 3.1.2-1, 3.1.4-1, 4.1-1, 5-1, 5.1-1, 7-1, 7.1-1, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 7.2.4-1  <i>Tables:</i> 4.3-1, 5.1.1-1, 5.1.2.2-1, 7.2.3.1.1-1, 7.2.3.1.2-1  <i>Pages:</i> AU1-1 to 3, AU3-1 to 5, AU4-1 to 3, 5, 14, AU5-1, 2, 13 to 15, 17, AU7-1, 2, 49 to 51, 53, 56 to 62-1, 63 to 66, 70</p>
6,618,551		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 2.4, 3, 3.1, 3.1.1, 3.1.4, 3.1.5, 3.1.6, 3.2, 3.3, 4, 5, 5.1, 7, 7.1, 7.1.1, 7.2, 8, 8.1, 8.2, 10  <i>Annex:</i> F  <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.1-1, 3.1.2-1, 3.1.4-1, 5-1, 5.1-1, 7-1, 7.1-1  <i>Tables:</i> 7.1.1-1, F-8  <i>Pages:</i> AU1-1 to 3, AU2-18, 26 to 28, AU3-1 to 7, 15, AU4-1, AU5-1, 2, AU7-1 to 3, 49, AU8-1, 2, AU10-1, AUX-F7</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,636,474		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 7, 7.1, 7.1.1, 7.2, 7.2.1, 7.2.2, 7.2.4 <i>Annex:</i> C.1 <i>Figs.:</i> 7-1, 7.2.1-1 <i>Tables:</i> 7.1.1-1, C.1-1, C.2-1 <i>Pages:</i> AU7-1 to 3, 5 to 9, 49 to 51, 70, AUX-C1, C2, C5
6,687,454		3	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1.3, 3.1.4, 3.2, 3.2.3, 6, 6.1, 6.1.1, 6.1.2, 6.2, 6.2.1, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2, 7.2.1 <i>Figs.:</i> 3.1.3-1, 3.1.4-1, 3.2-1, 3.2.3-1, 6-1, 6.1-1, 6.1.2-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1 <i>Tables:</i> 6.1.1-1, 6.1.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1 <i>Pages:</i> AU1-1, AU3-4, 5, 7, 10, 11, AU6-1 to 3, 7, 8, 9-1, 9-2, 10 to 12, AU7-1, 2, 17, 22, 34 to 50
6,738,561		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 3, 3.1, 7, 7.1, 7.1.1, 7.1.2, 7.1.2.3, 7.1.2.3.2, 7.2, 7.2.1, 7.2.2, 7.2.4, 7.2.4.1, 7.2.4.1.3 <i>Annex:</i> C.1 <i>Figs.:</i> 3.1-2, 7-1, 7.1-1, 7.1.2-1, 7.1.2.3-1, 7.1.2.3.2-1, 7.2.1-1, 7.2.4.1.3-1 <i>Tables:</i> 7.1.1-1, 7.1.2.3.2-1, C.1-1 <i>Pages:</i> AU3-1, 2, AU7-1 to 3, 5, 6, 8, 9, 17, 22, 25 to 27, 49 to 51, 70, 71, 76, 77, AUX-C1, C2

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,741,801		6	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 7.2.3.1  <i>Fig.:</i> 7.2.3.1-1  <i>Pages:</i> AU1-1, 2, AU7-56</p> <p><b>DVD-ROM Audio Packed PCM: MLP Reference Information:</b>  <i>Secs.:</i> 1.1, 7.1, 7.5  <i>Fig.:</i> 7.1-1  <i>Pages:</i> MRI-1, 19, 24</p>
6,757,659		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 7.2.4.2, 7.2.4.2.1, 7.2.4.2.3  <i>Fig.:</i> 7.2.4.2.1-1  <i>Table:</i> 7.2.4.2.3-1  <i>Pages:</i> AU7-78, 80, 81</p> <p><b>DVD-ROM Audio Packed PCM: MLP Reference Information:</b>  <i>Secs.:</i> 1.1, 1.3, 6.2, 6.4, 6.7, 7.1, 7.3, 7.4, 8.2, 8.4, 8.6, 9.2, 9.2.1, 9.2.2, 9.6.9, 9.6.12  <i>Figs.:</i> 6.2-1, 7.1-1, 7.3-1, 7.4-1, 8.4-1  <i>Pages:</i> MRI-1, 13, 15, 17, 19 to 23, 25 to 27, 32 to 34, 45, 46</p>
6,782,192		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 3.1, 3.2, 3.2.2, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 5.1.3, 5.1.3.2, 9.1.2  <i>Annex:</i> E.35, E.36  <i>Figs.:</i> 3.1-1, 3.1-2, 3.2-1, 5-1, 5.1-1, 5.1.2-1, 5.1.3-1  <i>Tables:</i> 5.1.1-1(RBP52 to 53), 5.1.2.2-1, 5.1.2.2-2, 5.1.3.2-1, 9.1.2-1  <i>Pages:</i> AU1-1, AU3-1, 2, 7 to 9, AU5-1 to 3, 6, 13 to 18, 20 to 22, AU9-4, 10, AUX-E14</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,788,880		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3, 3.1, 3.1.3, 3.1.4, 6, 6.2.1, 6.2.2, 6.2.3.2, 6.2.5, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.3, 7.1.2.3.4, 7.1.2.3.4.2, 7.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.2, 7.2.5 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 6-1, 6.2.1-1, 6.2.3.2-1, 7-1, 7.1-1, 7.1.2.2, 7.1.2.3-1, 7.1.2.3.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 7.2.3.2-1 <i>Tables:</i> 6.2.2-1, 7.1.2.3.3-1, 7.1.2.3.4.2-1, 7.2.2-1 <i>Pages:</i> AU1-1, AU3-1, 2, 4, 5, AU6-1, 10 to 13, 20, 42, AU7-1, 2, 17, 18, 22, 31, 32, 34, 36, 37, 49 to 51, 56, 67, 83
6,810,003		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 7, 7.1, 7.1.1, 7.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.4 <i>Annex:</i> C.1 <i>Figs.:</i> 7-1, 7.2.1-1 <i>Tables:</i> 7.1.1-1, 7.2.3.1.1-2, C.1-1, C.2-1 <i>Pages:</i> AU7-1 to 3, 5 to 9, 49 to 51, 56 to 58, 60, 61, 62-1, 70, AUX-C1, C2, C5
6,889,000		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.1, 3.1.2, 3.1.4, 3.4, 4, 4.1, 4.2, 4.3, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 5.2, 7, 7.1, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 7.2.4 <i>Figs.:</i> 3.1-2, 3.1.1-1, 3.1.2-1, 3.1.4-1, 4.1-1, 5-1, 5.1-1, 7-1, 7.1-1, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 7.2.4-1 <i>Tables:</i> 4.3-1, 5.1.1-1, 5.1.2.2-1, 7.2.3.1.1-1, 7.2.3.1.2-1 <i>Pages:</i> AU1-1 to 3, AU3-1 to 5, 39, AU4-1 to 3, 5, 8, 9, 14, AU5-1 to 3, 13 to 15, 17, 55, AU7-1, 2, 49 to 51, 53, 56 to 66

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6,898,369		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.1, 3.1.2, 3.1.4, 4, 4.1, 4.2, 4.3, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 7, 7.1, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 7.2.4 <i>Figs.:</i> 3.1-2, 3.1.1-1, 3.1.2-1, 3.1.4-1, 4.1-1, 5-1, 5.1-1, 7-1, 7.1-1, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 7.2.4-1 <i>Tables:</i> 4.3-1, 5.1.1-1, 5.1.2.2-1, 7.2.3.1.1-1, 7.2.3.1.2-1 <i>Pages:</i> AU1-1 to 3, AU3-1 to 5, AU4-1 to 3, 5, 8, 10, 14, AU5-1 to 3, 13 to 15, 17, AU7-1, 2, 49 to 51, 53, 56 to 66
6,898,370		2	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.1, 3.1.2, 3.1.4, 4, 4.1, 4.2, 4.3, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 7, 7.1, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 7.2.4 <i>Figs.:</i> 3.1-2, 3.1.1-1, 3.1.2-1, 3.1.4-1, 4.1-1, 5-1, 5.1-1, 7-1, 7.1-1, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 7.2.4-1 <i>Tables:</i> 4.2-1, 4.3-1, 5.1.1-1, 5.1.2.2-1, 7.2.3.1.1-1, 7.2.3.1.2-1 <i>Pages:</i> AU1-1 to 3, AU3-1 to 5, AU4-1 to 3, 5, 14, AU5-1 to 3, 13 to 15, 17, AU7-1, 2, 49 to 51, 53, 56 to 66
6,915,067		4	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.1, 3.1.2, 3.1.4, 4, 4.1, 4.2, 4.3, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 7, 7.1, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 7.2.4 <i>Figs.:</i> 3.1-2, 3.1.1-1, 3.1.2-1, 3.1.4-1, 4.1-1, 5-1, 5.1-1, 7-1, 7.1-1, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 7.2.4-1 <i>Tables:</i> 4.3-1, 5.1.1-1, 5.1.2.2-1, 7.2.3.1.1-1, 7.2.3.1.2-1 <i>Pages:</i> AU1-1 to 3, AU3-1 to 5, AU4-1 to 3, 5, 8, 9, 12 to 14, AU5-1 to 3, 13 to 15, 17, AU7-1, 2, 49 to 51, 53, 56 to 66

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JVC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,952,523		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.1, 3.1.2, 3.1.4, 4, 4.1, 4.2, 4.3, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 7, 7.1, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 7.2.4 <i>Figs.:</i> 3.1-2, 3.1.1-1, 3.1.2-1, 3.1.4-1, 4.1-1, 5-1, 5.1-1, 7-1, 7.1-1, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 7.2.4-1 <i>Tables:</i> 4.3-1, 5.1.1-1, 5.1.2.2-1, 7.2.3.1.1-1, 7.2.3.1.2-1 <i>Pages:</i> AU1-1 to 3, AU3-1 to 5, AU4-1 to 3, 5, 7, 14, AU5-1 to 3, 13 to 15, 17, AU7-1, 2, 49 to 51, 53, 56 to 66
6,957,010		3	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.1, 3.1.2, 3.1.4, 4, 4.1, 4.2, 4.3, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 7, 7.1, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 7.2.4 <i>Figs.:</i> 3.1-2, 3.1.1-1, 3.1.2-1, 3.1.4-1, 4.1-1, 5-1, 5.1-1, 7-1, 7.1-1, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 7.2.4-1 <i>Tables:</i> 4.3-1, 5.1.1-1, 5.1.2.2-1, 7.2.3.1.1-1, 7.2.3.1.2-1 <i>Pages:</i> AU1-1 to 3, AU3-1 to 5, AU4-1 to 3, 5, 14, AU5-1 to 3, 13 to 15, 17, AU7-1, 2, 49 to 51, 53, 56 to 66
6,980,501		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 2.4, 3.1, 7, 7.1, 7.1.1, 7.2, 7.2.1, 7.2.2, 7.2.4 <i>Annex:</i> C.1 <i>Figs.:</i> 3.1-2, 7-1, 7.2.1-1 <i>Tables:</i> 7.1.1-1, C.1-1 <i>Pages:</i> AU2-11, AU3-1, 2, AU7-1 to 3, 5, 6, 8, 9, 49 to 51, 70, AUX-C1, C2

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JVC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,987,926		4	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.1, 3.1.2, 3.1.4, 3.4, 4, 4.1, 4.2, 4.3, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 5.2, 7, 7.1, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 7.2.4 <i>Figs.:</i> 3.1-2, 3.1.1-1, 3.1.2-1, 3.1.4-1, 4.1-1, 5-1, 5.1-1, 7-1, 7.1-1, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 7.2.4-1 <i>Tables:</i> 4.3-1, 5.1.1-1, 5.1.2.2-1, 7.2.3.1.1-1, 7.2.3.1.2-1 <i>Pages:</i> AU1-1 to 3, AU3-1 to 5, 39, AU4-1 to 3, 5, 8, 10, 14, AU5-1 to 3, 13 to 15, 17, 55, AU7-1, 2, 49 to 51, 53, 56 to 66
7,006,422		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 3.1, 7, 7.1, 7.1.1, 7.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.4 <i>Annex:</i> C.1 <i>Figs.:</i> 3.1-2, 7-1, 7.2.1-1 <i>Tables:</i> 7.1.1-1, 7.2.3.1.1-2, C.1-1, C.2-1 <i>Pages:</i> AU3-1, 2, AU7-1 to 3, 5 to 9, 49 to 51, 56 to 58, 60, 61, 62-1, 70, AUX-C1, C2, C5
7,031,905		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 7.2.3, 7.2.3.1, 7.2.3.1.2, 7.2.4.2, 7.2.4.2.1, 7.2.4.2.3 <i>Figs.:</i> 7.2.3-1, 7.2.3.1-1, 7.2.4.2.1-1 <i>Tables:</i> 7.2.3.1.2-1, 7.2.4.2.3-1 <i>Pages:</i> AU7-53, 56, 63, 78, 80, 81  <b>DVD-ROM Audio Packed PCM: MLP Reference Information:</b> <i>Secs.:</i> 1.1, 1.3, 6.2, 6.4, 6.7, 7.1, 7.3, 7.4, 8.2, 8.4, 8.6, 9.2, 9.2.1, 9.2.2, 9.6.9, 9.6.12 <i>Figs.:</i> 6.2-1, 7.1-1, 7.3-1, 7.4-1, 8.4-1 <i>Pages:</i> MRI-1, 13, 15, 17, 19 to 23, 25 to 27, 32 to 34, 45, 46

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JVC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
7,043,141		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.1, 3.1.2, 3.1.4, 4, 4.1, 4.2, 4.3, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 7, 7.1, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 7.2.4 <i>Figs.:</i> 3.1-2, 3.1.1-1, 3.1.2-1, 3.1.4-1, 4.1-1, 5-1, 5.1-1, 7-1, 7.1-1, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 7.2.4-1 <i>Tables:</i> 4.3-1, 5.1.1-1, 5.1.2.2-1, 7.2.3.1.1-1, 7.2.3.1.2-1 <i>Pages:</i> AU1-1 to 3, AU3-1 to 5, AU4-1 to 3, 5, 14, AU5-1 to 3, 13 to 15, 17, AU7-1, 2, 49 to 51, 53, 56 to 66
7,085,713		1	<b>DVD-ROM Audio, Part 4 (Packed PCM: MLP Reference Information):</b> <i>Secs.:</i> 1.1, 1.3, 3, 6.2, 6.4, 6.6, 7.1, 7.2, 7.3, 7.4, 8.1, 8.4, 8.5, 9.4.1, 9.4.2, 9.4.4, 9.4.5 <i>Figs.:</i> 6.2-1, 6.4-1, 7.1-1, 7.2-1, 7.3-1, 7.4-1, 8.4-1, 8.5-1 <i>Pages:</i> MRI-1, 7, 13, 15, 17, 19 to 23, 25 to 27, 37, 38, 40, 41
7,092,876		1	<b>DVD-ROM Audio, Part 4 (Packed PCM: MLP Reference Information):</b> <i>Secs.:</i> 1.1, 1.3, 3, 6.2, 6.4, 6.6, 7.1, 7.2, 7.3, 7.4, 8.1, 8.4, 8.5, 9.4.4, 9.4.5 <i>Figs.:</i> 6.2-1, 6.4-1, 7.1-1, 7.2-1, 7.3-1, 7.4-1, 8.4-1, 8.5-1 <i>Pages:</i> MRI-1, 7, 13, 15, 17, 19 to 23, 25 to 27, 40, 41
7,092,889		1	<b>DVD-ROM Audio, Part 4 (Packed PCM: MLP Reference Information):</b> <i>Secs.:</i> 1.1, 1.3, 3, 6.2, 6.4, 6.6, 7.1, 7.2, 7.3, 7.4, 8.1, 8.4, 8.5, 9.2.1, 9.4.4, 9.4.5, 9.5, 9.6.3 <i>Figs.:</i> 6.2-1, 6.4-1, 7.1-1, 7.2-1, 7.3-1, 7.4-1, 8.4-1, 8.5-1 <i>Pages:</i> MRI-1, 7, 13, 15, 17, 19 to 23, 25 to 27, 33, 40 to 42, 44

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JVC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
7,103,555		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.2, 1.3, 7.2.3.1.2, 7.2.4, 7.2.4.2.2  <i>Annex:</i> B.1  <i>Figs.:</i> 7.2.3.1-1, 7.2.4-1  <i>Tables:</i> 7.2.3.1.2-1, 7.2.3.1.2-2  <i>Pages:</i> AU1-2, 4, AU7-54, 56, 63, 64, 65-1, 65-3, 70, 80, AUX-B1, B2</p> <p><b>DVD-ROM Audio, Part 4 (Packed PCM: MLP Reference Information):</b>  <i>Secs.:</i> 1.1, 1.3, 3, 6.2, 6.4, 6.6, 7.1, 7.2, 7.3, 7.4, 8.1, 8.4, 8.5, 9.4.4, 9.4.5  <i>Figs.:</i> 6.2-1, 6.4-1, 7.1-1, 7.2-1, 7.3-1, 7.4-1, 8.4-1, 8.5-1  <i>Pages:</i> MRI-1, 7, 13, 15, 17, 19 to 23, 25 to 27, 40, 41</p>
7,123,575		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 3.1, 7, 7.1, 7.1.1, 7.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.4  <i>Annex:</i> C.1  <i>Figs.:</i> 3.1-2, 7-1, 7.2.1-1  <i>Tables:</i> 7.1.1-1, 7.2.3.1.1-2, C.1-1  <i>Pages:</i> AU3-1, 2, AU7-1 to 3, 5 to 9, 49 to 51, 56 to 58, 60, 61, 62-1, 70, AUX-C1, C2</p>
7,136,491		1	<p><b>DVD-ROM Audio, Part 4 (Packed PCM: MLP Reference Information):</b>  <i>Secs.:</i> 1.1, 1.3, 3, 6.2, 6.4, 6.6, 7.1, 7.2, 7.3, 7.4, 8.1, 8.4, 8.5, 9.4.1, 9.4.2, 9.4.4, 9.4.5  <i>Figs.:</i> 6.2-1, 6.4-1, 7.1-1, 7.2-1, 7.3-1, 7.4-1, 8.4-1, 8.5-1  <i>Pages:</i> MRI-1, 7, 13, 15, 17, 19 to 23, 25 to 27, 37, 38, 40, 41</p>

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JVC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
7,206,504		1	<p><b>DVD-ROM Audio, Part 4:</b></p> <p><i>Secs.:</i> 1.1, 3.1, 3.1.2, 3.2, 3.2.2, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 5.1.3, 5.1.3.2, 8, 9.1.2</p> <p><i>Annex:</i> A.2, E.35, E.36</p> <p><i>Figs.:</i> 3.1-1, 3.1-2, 3.2-1, 3.2.3-1, 5-1, 5.1-1, 5.1.2-1, 5.1.3-1, A.2-1</p> <p><i>Tables:</i> 5.1.1-1(RBP52 to 53), 5.1.2.2-1, 5.1.2.2-2, 5.1.3.2-1, 9.1.2-1</p> <p><i>Pages:</i> AU1-1, AU3-1 to 3, 7 to 9, AU5-1 to 3, 6, 13 to 18, 20 to 22, AU8-1, AU9-4, 10, AUX-A7, A8, E14</p>

## SUMMARY REPORT OF ESSENTIAL DVD-ROM AUDIO DISC PATENTS

MITSUBISHI ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
5,268,846	CA 2,061,128; EP 508,925 (DE, FR, GB, IT)	1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 3, 3.1, 3.1.6, 8.2  <i>Annex:</i> F  <i>Tables:</i> F-6, F-7  <i>Pages:</i> AU3-1, 2, 6, AU8-2, AUX-F5, F6</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 3.1.4, 3.2.1, 3.2.2, 3.3.1, 3.3.5, 3.3.12, 3.3.12.1, 3.3.12.2, 4.2, 4.2.3, 4.2.9, 4.3.1, 4.3.5, 4.4, 4.5, 5, 5.1, 5.1.1, 5.2.2  <i>Figs.:</i> 3.1.4-1, 3.2.2-1, 3.3.1-1, 3.3.5-1, 3.3.12-1, 3.3.12-2, 3.3.12.1-1, 3.3.12.2-1, 4-1, 4.2-1, 4.2.3-1, 4.2.9-1, 4.3.1-1, 4.5-1, 5.1-1, 5.2.2-1  <i>Tables:</i> 4.2.9-2, 4.3.5-1, 4.5-1, 5-1  <i>Pages:</i> VI3-4, 7, 8, 12, 26, 79, 80, 83, VI4-1, 38, 61, 79 to 81, 83, 84, 99, 100, 103, 106 to 131, 133 to 152, VI5-1, 3, 5, 11</p>
5,309,290		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3, 3.1, 7.1.1, 8.2  <i>Table:</i> 10.1-2  <i>Pages:</i> AU1-1, 3, AU3-1, 2, AU7-7, AU8-2, AU10-4</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Sec.:</i> 1.2  <i>Tables:</i> 5-2, 5.4.2.3-1  <i>Pages:</i> VI1-2, VI5-1, 53</p>

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MITSUBISHI ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
5,434,716		11	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3, 3.1, 7.1.1, 8.2  <i>Table:</i> 10.1-2  <i>Pages:</i> AU1-1, 3, AU3-1, 2, AU7-7, AU8-2, AU10-4</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Sec.:</i> 1.2  <i>Tables:</i> 5-2, 5.4.2.3-1  <i>Pages:</i> VI1-2, VI5-1, 53</p>
5,488,418	SG 65,702	1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.2, 8.1, 8.2  <i>Pages:</i> AU1-2, AU8-1 to 3</p>
5,488,482	EP 554,086 (DE, FR, GB, NL); EP 1,137,280 (DE, FR, GB, NL)	6	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.2, 8.1  <i>Pages:</i> AU1-2, AU8-1</p>
5,793,432		2	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.2, 8.1, 8.2  <i>Pages:</i> AU1-2, 3, AU8-1 to 3</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 5.2, 5.2.1, 5.4, 5.4.1, 5.4.1.2  <i>Figs.:</i> 5.2.1-1, 5.2.2-1, 5.4.1-1  <i>Tables:</i> 5.2.1-1, 5.4.1.2-1  <i>Pages:</i> VI5-9, 10, 38, 40</p>

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MITSUBISHI ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Audio Specification
5,878,183		2	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3, 3.1, 7.1.1  <i>Pages:</i> AU1-1, 3, AU3-1, 2, AU7-7</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Sec.:</i> 1.2  <i>Tables:</i> 5-2, 5.4.2.3-1  <i>Pages:</i> VI1-2, VI5-1, 53</p>
5,889,921		1, 23	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3, 3.1, 7.1.1, 8.2  <i>Tables:</i> 10.1-1, 10.1-2  <i>Pages:</i> AU1-1, 3, AU3-1, 2, AU7-7 AU8-2, AU10-3, 4</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Sec.:</i> 1.2  <i>Tables:</i> 5-2, 5.4.2.3-1  <i>Pages:</i> VI1-2, VI5-1, 53</p>
5,892,884		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.2, 3, 3.1, 7.1.1, 8.2  <i>Tables:</i> 10.1-1, 10.1-2  <i>Pages:</i> AU1-3, AU3-1, AU7-7, AU8-2, AU10-3, 4</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Sec.:</i> 1.2  <i>Tables:</i> 5-2, 5.4.2.3-1  <i>Pages:</i> VI1-2, VI5-1, 53</p>

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MITSUBISHI ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Audio Specification
6,539,164	DE 19,539,400; GB 2,294,173; KR 219,748	21	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 2.4, 3.3.4, 8, 8.2, 8.2.2  <i>Annex:</i> G  <i>Tables:</i> G.1-1 to G.1-4, G.2-2  <i>Pages:</i> AU1-1, 3, AU2-14, 16, 21, 23, 27 to 29, AU3-17, AU8-1 to 3, AUX-G1 to G3</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 1.1, 1.2, 2.4.15, 2.4.16, 2.4.20, 2.4.42, 2.4.43, 2.4.49, 2.4.65, 2.4.106, 3.3.5, 3.3.5.1, 3.3.6.2, 3.3.9.3, 3.3.12, 4.2.3, 4.3, 4.3.1, 4.3.5, 4.4, 4.4.3, 4.4.3.1, 4.4.3.3, 4.4.3.4, 4.6.1.2, 5, 5.1, 5.2.1, 5.2.2, 5.4.1, 5.4.1.1, 5.4.1.2  <i>Annex:</i> J.1.27  <i>Figs.:</i> 3.3.5-1, 3.3.6.2-1, 3.3.6.2-2, 3.3.12-1, 4.2.3-1, 4.3.1-1, 4.3.5-1, 4.4.3-2, 5.1-1  <i>Tables:</i> 4.3.5-1, 4.6.1.2-1, 5-1  <i>Pages:</i> VI1-1, 2, VI2-5, 6, 9, 11, 13, 20, VI3-26, 30, 31, 58, 79, VI4-61, 82, 83, 99, 100, 103, 106, 113, 122 to 129, 156, 157, 161, VI5-1, 3, 9, 11, 38 to 40, VIX-58</p>

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MITSUBISHI ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
	EP 558,306 (DE, GB)	EP claim 1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.4, 5, 5.1.1, 5.2.1, 7, 8, 8.2  <i>Annex:</i> F  <i>Figs.:</i> 3.1-2, 3.1.4-1, 5-1, 7-1  <i>Tables:</i> 5.1.1-1, F-9  <i>Pages:</i> AU2-14, AU3-2, 5, AU5-1, 3, 11, 55, AU7-1, AU8-1, 2, AUX-F9</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 1.1, 1.2, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 4, 4.1, 4.1.1  <i>Figs.:</i> 3.1.1-1, 3.1.4-1, 4-1, 4.1-1  <i>Table:</i> 4.1.1-1  <i>Pages:</i> VI1-1, 2, VI3-1 to 4, VI4-1 to 3, 9</p>

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PANASONIC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
5,905,845		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 3, 3.1, 3.1.6, 8.2  <i>Pages:</i> AU3-1, 2, 6, AU8-2</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 3.3.5, 3.3.12.3 to 3.3.12.6, 5.3  <i>Figs.:</i> 3.3.12.5-1, 5.3-2  <i>Table:</i> 5.3-1  <i>Pages:</i> VI3-26, 85, 89 to 91, VI5-32, 34</p>
5,923,869		3	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 3, 3.1.6, 8, 8.2  <i>Pages:</i> AU3-1, 6, AU8-1, 2</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 3.3.12.5, 3.3.12.6, 4.3.5, 5.2, 5.2.1, 5.2.3  <i>Figs.:</i> 3.3.12.5-1, 3.3.12.6-1, 5.2.1-1  <i>Table:</i> 5.2.3-1  <i>Pages:</i> VI3-89 to 93, VI4-99, VI5-9, 14, 15</p>

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PANASONIC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,173,113	EP 930,782 (DE, FR, GB)	1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3.1.6, 5.2.4.3, 7.2.4, 10.1  <i>Fig.:</i> 10-2  <i>Tables:</i> 7.2.4.1.1-1, 10.1-2  <i>Pages:</i> AU1-1 to 3, AU3-6, AU5-94, AU7-70, 72, AU10-2 to 4</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 3.3.12.5, 4.2, 4.5, 4.5.2, 5, 5.2.4, 5.4.2.1  <i>Annex:</i> K  <i>Figs.:</i> 3.3.12.5-1, 4.5-1, 5.1-1, 5.2.4-1  <i>Tables:</i> 4.5.2-1, K.1.2  <i>Pages:</i> VI3-89, 90, VI4-38, 133, 139 to 141, VI5-1, 3, 17, 20, 49, VIX-64</p>
6,208,802	CA 2,299,392; CN ZL 98809687.0; EP 896,337 (DE, FR, GB, IT); KR 357,810	1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 3, 3.1, 3.1.2, 3.1.4 to 3.1.6, 5.1, 5.1.2, 5.1.2.2, 5.1.3, 5.1.3.2  <i>Annex:</i> F  <i>Figs.:</i> 3.1-2, 5.1-1, 5.1.2-1, 5.1.3-1  <i>Table:</i> F-2  <i>Pages:</i> AU1-1, AU3-1 to 3, 5, 6, AU5-2, 13 to 15, 20, 21, AUX-F2</p>
6,219,488	EP 896,336 (DE, FR, GB, IT, NL); KR 357,809; MX 211,595; MY 114,600	1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3.1, 3.1.4, 3.1.6, 3.2.3, 3.3.1.2, 3.3.2, 3.3.3, 5.1.2, 5.1.2.1, 5.1.2.2, 7, 7.1, 7.1.2, 7.2, 8, 8.2  <i>Figs.:</i> 3.1.4-1, 3.2.3-1  <i>Tables:</i> 5.1.2.1-1, 5.1.2.2-2, 7.1.1-2, F-8, F-9  <i>Pages:</i> AU1-1, 2, AU3-1, 2, 5, 6, 10 to 12, 16, 17, AU5-13, 15, 17, 19, AU7-1, 2, 5, 8, 17, 18, 49, AU8-1, 2, AUX-F7 to F9</p>

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PANASONIC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,222,805	CN ZL 200310124829.4; EP 896,335 (DE, FR, GB, IT, NL); EP 1,113,444 (DE, FR, GB, IT, NL); KR 353,747; MX 214,031; MY 114,599	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1, 2.4, 3.1, 3.1.4, 3.3.7, 7, 7.1, 7.1.2, 7.1.2.2 <i>Figs.:</i> 3.1-2, 3.1.4-1, 7.1-1, 7.1.2-2, 7.2-1 <i>Tables:</i> 7.1.2.2-1, 7.2.2-1 to 7.2.2-3 <i>Pages:</i> AU1-1, AU2-10, AU3-1, 2, 5, 37, AU7-17, 18, 20, 21, 49, 50
6,526,223	CN ZL 03127520.6	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.5.1, 3.3.5.2, 6.2.1, 6.2.2, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 3.3.5.1-1, 3.3.5.2-1, 3.3.5.2-2, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 10-2 <i>Tables:</i> 6.2.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1, 7.2.3.1.1-1, 7.2.3.2-1, 10.1-1 <i>Pages:</i> AU1-1 to 3, AU2-8 to 10, 12 to 15, 18, 23, 24, AU3-1, 2, 4, 5, 10 to 12, 14, 18 to 23, AU6-12, 13, AU7-1, 2, 17, 18, 20, 34 to 51, 56, 57, 63, AU10-2, 3
6,529,683		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.5.1, 3.3.5.2, 6.2.1, 6.2.2, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 3.3.5.1-1, 3.3.5.2-1, 3.3.5.2-2, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 10-2 <i>Tables:</i> 6.2.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1, 7.2.3.1.1-1, 7.2.3.2-1, 10.1-1 <i>Pages:</i> AU1-1 to 3, AU2-8 to 10, 12 to 15, 18, 23, 24, AU3-1, 2, 4, 5, 10 to 12, 14, 18 to 23, AU6-12, 13, AU7-1, 2, 17, 18, 20, 34 to 51, 56, 57, 63, AU10-2, 3

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PANASONIC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,539,167		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.4, 3.2.3, 3.3.7, 7, 7.1, 7.1.2, 7.1.2.2, 7.1.2.3.2, 7.2, 7.2.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.4-1, 3.2.3-1, 7-1, 7.1-1, 7.1.2-2, 7.2.1-1 <i>Table:</i> 7.1.2.2-1 <i>Pages:</i> AU1-1, 2, AU2-10, 12, 21, 23, AU3-1, 2, 5, 10, 11, 37, AU7-1, 2, 17, 18, 20, 21, 25, 49, 50
6,549,723		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.4, 3.2.3, 3.3.7, 7, 7.1, 7.1.2, 7.1.2.2, 7.1.2.3.2, 7.2, 7.2.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.4-1, 3.2.3-1, 7-1, 7.1-1, 7.1.2-2, 7.2.1-1 <i>Table:</i> 7.1.2.2-1 <i>Pages:</i> AU1-1, 2, AU2-10, 12, 21, 23, AU3-1, 2, 5, 10, 11, 37, AU7-1, 2, 17, 18, 20, 21, 25, 49, 50
6,564,006		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.5.1, 3.3.5.2, 6.2.1, 6.2.2, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 3.3.5.2-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 10-2 <i>Tables:</i> 6.2.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1, 7.2.3.1.1-1, 7.2.3.2-1, 10.1-1 <i>Pages:</i> AU1-1 to 3, AU2-8 to 10, 12 to 14, 18, 23, 24, AU3-1, 2, 4, 5, 10 to 12, 14, 18, 19, 21, 23, AU6-12, 13, AU7-1, 2, 17, 18, 20, 34 to 51, 56, 57, 63, AU10-2, 3

## SUMMARY REPORT OF ESSENTIAL DVD-ROM AUDIO DISC PATENTS

PANASONIC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,567,608		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.5.1, 3.3.5.2, 6.2.1, 6.2.2, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 3.3.5.1-1, 3.3.5.2-1, 3.3.5.2-2, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 10-2 <i>Tables:</i> 6.2.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1, 7.2.3.1.1-1, 7.2.3.2-1, 10.1-1 <i>Pages:</i> AU1-1 to 3, AU2-8 to 10, 12 to 15, 18, 23, 24, AU3-1, 2, 4, 5, 10 to 12, 14, 18 to 23, AU6-12, 13, AU7-1, 2, 17, 18, 20, 34 to 51, 56, 57, 63, AU10-2, 3
6,567,609		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.4, 3.2.3, 3.3.7, 7, 7.1, 7.1.2, 7.1.2.2, 7.1.2.3.2, 7.2, 7.2.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.4-1, 3.2.3-1, 7-1, 7.1-1, 7.1.2-2, 7.2.1-1 <i>Table:</i> 7.1.2.2-1 <i>Pages:</i> AU1-1 to 2, AU2-10, 12, 21, 23, AU3-1, 2, 5, 10, 11, 37, AU7-1, 2, 17, 18, 20, 21, 25, 49, 50
6,574,419	KR 387,188	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.1.1, 3.3.5.1, 6, 6.2, 6.2.1, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.3, 7.1.2.3.4, 7.1.2.3.4.2, 7.2, 7.2.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 6-1, 6.2.1-1, 7.1-1, 7.1.2.3-1, 7.2.1-1 <i>Table:</i> 7.1.2.3.4.2-1 <i>Pages:</i> AU1-1 to 3, AU2-9, 12 to 14, 18, AU3-1, 2, 4, 5, 10, 11, 15, 18, AU6-1, 10 to 12, AU7-1, 2, 17, 18, 22, 31, 34, 36, 37, 43, 44, 49, 50

## SUMMARY REPORT OF ESSENTIAL DVD-ROM AUDIO DISC PATENTS

PANASONIC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,907,188		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.1.1, 3.3.5.1, 6, 6.2, 6.2.1, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.3, 7.1.2.3.4, 7.1.2.3.4.2, 7.2, 7.2.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 6-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.3-1, 7.1.2.3.4-1, 7.2.1-1 <i>Table:</i> 7.1.2.3.4.2-1 <i>Pages:</i> AU1-1 to 3, AU2-9, 12 to 14, 18, AU3-1, 2, 4, 5, 10, 11, 15, 18, AU6-1, 10 to 12, AU7-1, 2, 17, 18, 22, 31, 34, 36, 37, 43, 44, 49, 50
7,099,565		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.5.1, 3.3.5.2, 6.2.1, 6.2.2, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 3.3.5.2-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 10-2 <i>Tables:</i> 6.2.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1, 7.2.3.1.1-1, 7.2.3.2-1, 10.1-1 <i>Pages:</i> AU1-1 to 3, AU2-8 to 10, 12 to 14, 18, 23, 24, AU3-1, 2, 4, 5, 10 to 12, 14, 18, 19, 21, 23, AU6-12, 13, AU7-1, 2, 17, 18, 20, 34 to 51, 56, 57, 63, AU10-2, 3
7,162,147		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.5.1, 3.3.5.2, 6.2.1, 6.2.2, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 3.3.5.2-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 10-2 <i>Tables:</i> 6.2.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1, 7.2.3.1.1-1, 7.2.3.2-1, 10.1-1 <i>Pages:</i> AU1-1 to 3, AU2-8 to 10, 12 to 14, 18, 23, 24, AU3-1, 2, 4, 5, 10 to 12, 14, 18, 19, 21, 23, AU6-12, 13, AU7-1, 2, 17, 18, 20, 34 to 51, 56, 57, 63, AU10-2, 3

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PANASONIC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
7,164,847		1	<p><b>DVD-ROM Audio, Part 4:</b></p> <p><i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.5.1, 3.3.5.2, 6.2.1, 6.2.2, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10.1</p> <p><i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 3.3.5.1-1, 3.3.5.2-1, 3.3.5.2-2, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 10-2</p> <p><i>Tables:</i> 6.2.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1, 7.2.3.1.1-1, 7.2.3.2-1, 10.1-1</p> <p><i>Pages:</i> AU1-1 to 3, AU2-8 to 10, 12 to 15, 18, 23, 24, AU3-1, 2, 4, 5, 10 to 12, 14, 18 to 23, AU6-12, 13, AU7-1, 2, 17, 18, 20, 34 to 51, 56, 57, 63, AU10-2, 3</p>
7,167,637		1	<p><b>DVD-ROM Audio, Part 4:</b></p> <p><i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.5.1, 3.3.5.2, 6.2.1, 6.2.2, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10.1</p> <p><i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 3.3.5.1-1, 3.3.5.2-1, 3.3.5.2-2, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 10-2</p> <p><i>Tables:</i> 6.2.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1, 7.2.3.1.1-1, 7.2.3.2-1, 10.1-1</p> <p><i>Pages:</i> AU1-1 to 3, AU2-8 to 10, 12 to 15, 18, 23, 24, AU3-1, 2, 4, 5, 10 to 12, 14, 18 to 23, AU6-12, 13, AU7-1, 2, 17, 18, 20, 34 to 51, 56, 57, 63, AU10-2, 3</p>

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PANASONIC ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
7,167,638		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.5.1, 3.3.5.2, 6.2.1, 6.2.2, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 3.3.5.2-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 10-2 <i>Tables:</i> 6.2.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1, 7.2.3.1.1-1, 7.2.3.2-1, 10.1-1 <i>Pages:</i> AU1-1 to 3, AU2-8 to 10, 12 to 14, 18, 23, 24, AU3-1, 2, 4, 5, 10 to 12, 14, 18, 19, 21, 23, AU6-12, 13, AU7-1, 2, 17, 18, 20, 34 to 51, 56, 57, 63, AU10-2, 3
7,174,089		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.5.1, 3.3.5.2, 6.2.1, 6.2.2, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 7.2.1, 7.2.2, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 3.3.5.1-1, 3.3.5.2-1, 3.3.5.2-2, 6.2.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 7.2.1-1, 7.2.3.1-1, 10-2 <i>Tables:</i> 6.2.2-1, 7.1.2.3.4.1-1, 7.1.2.3.4.2-1, 7.2.3.1.1-1, 7.2.3.2-1, 10.1-1 <i>Pages:</i> AU1-1 to 3, AU2-8 to 10, 12 to 15, 18, 23, 24, AU3-1, 2, 4, 5, 10 to 12, 14, 18 to 23, AU6-12, 13, AU7-1, 2, 17, 18, 20, 34 to 51, 56, 57, 63, AU10-2, 3
7,187,851		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.3, 3.1.4, 3.2.3, 3.3.1.1, 3.3.5.1, 6, 6.2, 6.2.1, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.3, 7.1.2.3.4, 7.1.2.3.4.2, 7.2, 7.2.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.3-1, 3.1.4-1, 3.2.3-1, 6-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.3-1, 7.1.2.3.4-1, 7.2.1-1 <i>Table:</i> 7.1.2.3.4.2-1 <i>Pages:</i> AU1-1 to 3, AU2-9, 12 to 14, 18, AU3-1, 2, 4, 5, 10, 11, 15, 18, AU6-1, 10 to 12, AU7-1, 2, 17, 18, 22, 31, 34, 36, 37, 43, 44, 49, 50

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SAMSUNG ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
5,987,417	KR 247,345; TW 122,026	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 3, 7.1.1, 7.2.3.1, 7.2.4, 7.2.4.1 <i>Annex:</i> C <i>Figs.:</i> 7.2.3.1-1, 7.2.4-1 <i>Table</i> 7.2.4.1-1 <i>Pages:</i> AU3-1, AU7-2, 3, 5, 7 to 9, 56, 70, 71, AUX-C1, C2
6,222,983	CN ZL 01137405.5; TW 120,048	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1, 3.1.4, 5.1.1, 5.1.3, 5.1.3.2, 7.1, 7.1.1, 7.2, 7.2.1 <i>Annex:</i> E.2, F, K.1 <i>Figs.:</i> 3.1-2, 3.1.4-1, 7.2.1-1 <i>Tables:</i> 7.1.1-1, 7.1.1-2, C.1-1, F-2, F-4, F-9 to F-11 <i>Pages:</i> AU1-1, AU3-1, 2, 5, AU5-3, 20, 21, AU7-2, 3, 5 to 8, 12, 49, 50, AUX-C2, E1, F1 to F3, F9 to F11, K1
6,377,531		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1, 3.1.4, 5, 7, 7.1, 7.1.1, 7.2, 7.2.1 <i>Annex:</i> F, K.1 <i>Figs.:</i> 3.1-2, 3.1.4-1, 7.2.1-1 <i>Tables:</i> 7.1.1-1, 7.1.1-2, C.1-1, F-2, F-4, F-9 to F-11 <i>Pages:</i> AU1-1, AU3-1, 2, 5, AU5-1, AU7-1 to 3, 5 to 8, 12, 49, 50, AUX-C2, F1 to F3, F9 to F11, K1
6,449,227		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1, 3.1.4, 7.1.1, 7.2, 7.2.1 <i>Annex:</i> F <i>Figs.:</i> 3.1-2, 3.1.4-1, 7.2.1-1 <i>Tables:</i> 7.1.1-1, 7.1.1-2, C.1-1, F-4 <i>Pages:</i> AU1-1, AU3-1, 2, 5, AU7-3, 5 to 8, 12, 49, 50, AUX-C2, F3

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SAMSUNG ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,449,228		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1, 3.1.4, 5, 7.1.1, 7.2, 7.2.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.4-1, 7.2.1-1 <i>Tables:</i> 7.1.1-1, 7.1.1-2, C.1-1, F-4 <i>Pages:</i> AU1-1, AU3-1, 2, 5, AU5-1, AU7-3, 6 to 8, 12, 49, 50, AUX-C2, F3
6,597,645		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 7.1.1, 7.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.4.1, 7.2.4.1.1, 7.2.4.1.2, 7.2.4.1.3, 7.2.4.2, 7.2.4.2.1 <i>Figs.:</i> 7.2.3-1, 7.2.4.1.3-1, 7.2.4.1.3-2, 7.2.4.2.1-1 <i>Tables:</i> 7.1.1-1, 7.1.1-2, 7.2.3-1, 7.2.3.1.1-1, 7.2.3.1.1-2, 7.2.4.1-1, 7.2.4.1.1-1, 7.2.4.2.1-1, 7.2.4.2.1-2, C.1-1 <i>Pages:</i> AU1-1, 2, AU7-3, 5 to 9, 11, 12, 49, 53, 54, 56 to 58, 61, 71, 72, 76 to 79
6,678,467		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1, 3.1.3, 3.1.4, 6, 6.2, 6.2.1, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.2 <i>Figs.:</i> 3.1-2, 3.1.3-1, 3.1.4-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1 <i>Table:</i> 7.1.2.3.4.2-1 <i>Pages:</i> AU1-1, AU3-1, 2, 4, 5, AU6-1, 10 to 12, AU7-1, 2, 18, 22, 34, 36 to 38
6,687,455		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1, 3.1.3, 3.1.4, 6.2, 6.2.1, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.2, 10 <i>Figs.:</i> 3.1-2, 3.1.3-1, 3.1.4-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 10-2 <i>Table:</i> 7.1.2.3.4.2-1 <i>Pages:</i> AU1-1, AU3-1, 2, 4, 5, AU6-10 to 12, AU7-1, 2, 18, 22, 34, 36 to 38, AU10-1, 2

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SAMSUNG ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,707,985		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 3.1, 3.1.3, 3.1.4, 3.3.5.1, 6.1, 6.1.1, 6.2, 6.2.1, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.2, 10, 10.2 <i>Figs.:</i> 3.1-2, 3.1.3-1, 3.1.4-1, 3.3.5.1-1, 6.1-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1, 10-2, 10.2-1 <i>Tables:</i> 6.1.1-1, 7.1.2.3.4.2-1 <i>Pages:</i> AU3-1, 2, 4, 5, 18, 19, AU6-2, 3, 10 to 12, AU7-1, 2, 7, 18, 22, 34, 36 to 38, AU10-1, 2, 7
6,741,800		10	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1, 3.1.3, 3.1.4, 6, 6.1, 6.1.1, 6.2, 6.2.1, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.2 <i>Figs.:</i> 3.1-2, 3.1.3-1, 3.1.4-1, 6.1-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1 <i>Tables:</i> 6.1.1-1, 7.1.2.3.4.2-1 <i>Pages:</i> AU1-1, AU3-1, 2, 4, 5, AU6-1 to 3, 10 to 12, AU7-1, 2, 18, 22, 34, 36 to 38
6,748,161		12	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1, 3.1.3, 3.1.4, 6, 6.1, 6.1.1, 6.2, 6.2.1, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.2 <i>Figs.:</i> 3.1-2, 3.1.3-1, 3.1.4-1, 6.1-1, 6.2.1-1, 7-1, 7.1-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1 <i>Tables:</i> 6.1.1-1, 7.1.2.3.4.2-1 <i>Pages:</i> AU1-1, AU3-1, 2, 4, 5, AU6-1 to 3, 10 to 12, AU7-1, 2, 18, 22, 34, 36 to 38
6,771,892		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1, 3.1.3, 3.3.5.1, 6, 6.1, 6.2, 6.2.4.1, 6.2.3.3, 7, 7.1.2.3.4, 7.1.2.3.4.2, 9 <i>Figs.:</i> 3.1-2, 6.1-1, 6.2-1, 6.2.3-2, 6.2.4.4-1, 7.1.2.3.4-1 <i>Pages:</i> AU1-1, AU3-2, 4, 18, AU6-1, 2, 10 to 12, 27, 38, AU7-1, 34, 36, AU9-1

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SAMSUNG ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,810,201		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.1.3, 3.1.4, 3.3.5.1, 6, 6.1, 6.2, 6.2.6, 7, 7.1.2.3.4, 7.1.2.3.4.2, 10 <i>Figs.:</i> 3.1-2, 3.1.3-1, 3.1.4-1, 6-1, 6.1-1, 6.2.6-1, 7.1.2.3.4-1, 10-2 <i>Pages:</i> AU1-1, AU2-13, AU3-2, 4, 5, 18, AU6-1, 2, 10, 46, AU7-1, 34, 36, AU10-1, 2
7,110,662		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3.1, 3.1.2, 3.1.4, 5, 7.2.1, 10 <i>Annex:</i> F <i>Figs.:</i> 3.1-2, 3.1.2-1, 3.1.4-1, 5-1, 7.2.1-1, 10-1 <i>Tables:</i> F-2, F-4, F-7 <i>Pages:</i> AU1-1, AU3-2, 3, 5, AU5-1, AU7-49, 50, AU10-1, AUX-F2, F3, F6
7,197,235		9	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 6, 7, 7.1.2.3.4.2, 10.2.1 <i>Fig.:</i> 3.1-2 <i>Pages:</i> AU1-1, AU3-2, AU6-1, AU7-1, 36, AU10-8

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TOSHIBA ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
5,721,720	BR PI 9506916-0 EP 720,347 (DE, FR, GB) (Lapsed in AT, BE, CH, DK, ES, GR, IE, IT, LI, LU, NL, SE); HK 1,014,416; KR 227,932; PH 52,034; RU 2,158,487	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6, 6.2.6.2.1, 6.2.6.2.2 <i>Pages:</i> AU6-46, 49 to 51
5,758,007	CA 2,168,641; EP 806,868 (DE, FR, GB); HK 1,014,418; KR 215,626; KR 253,729	2	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.3.3, 6.2.3.3.1, 6.2.6, 6.2.6.1, 6.2.6.2.2, 6.2.6.2.4 <i>Figs.:</i> 6.2.3.3-1, 6.2.6-1, 6.2.6-2 <i>Tables:</i> 6.2.3.3.1-1, 6.2.6.1-1, 6.2.6-2 <i>Pages:</i> AU6-23 to 25, 46, 48, 50, 51, 56
5,774,441		6	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 3.1.2, 5, 5.2, 5.2.1, 5.2.2, 5.2.3 <i>Fig.:</i> 5.2.3.2.1-1 <i>Pages:</i> AU3-3, AU5-1, 55, 56, 82  <b>DVD-ROM, Part 1:</b> <i>Sec.:</i> 3.2.2 <i>Fig.:</i> 3.2.1-1 <i>Pages:</i> PH-40, 41

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TOSHIBA ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
5,835,669	EP 677,843 (DE, FR, GB, NL)	13	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.1.2, 3.1.4, 3.1.6, 3.2, 3.2.3, 3.3.7, 3.4, 3.5.4.1, 5, 5.1.2, 5.1.4, 5.1.4.1, 5.1.4.2.1.4, 5.2, 7.3, 8.2 <i>Annex:</i> F <i>Figs.:</i> 3.1.2-1, 3.1.4-1, 3.2-1, 3.2.3-1 <i>Tables:</i> F-8, F-9 <i>Pages:</i> AU-1, AU2-27, AU3-1 to 3, 5 to 7, 10, 12, 37, 39, 51, AU5-1, 13, 24, 26, 44, 45, 55, AU7-88, AU8-2, AUX-F8, F9
5,845,021		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6.1, 6.2.6.2, 6.2.6.2.1, 6.2.6.2.2(a) <i>Table:</i> 6.2.6.2.1-1 <i>Pages:</i> AU6-48 to 50
5,850,500		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.1.2, 3.1.4, 3.2, 3.2.3, 3.3.7, 3.4, 5, 5.1.4, 5.1.4.1, 5.1.5, 5.2, 5.2.3.2.4, 5.2.4, 7.3, 8.2, 9.1.2, 9.6 <i>Annex:</i> E, E.29, E.31, E.32, F <i>Figs.:</i> 3.1.2-1, 3.1.4-1, 3.2-1, 3.2.3-1 <i>Tables:</i> 5.2.3.2.4-1, 9.1.2-1, 9.6-1, E-1, F-8, F-9 <i>Pages:</i> AU1-1, AU2-27, AU3-1 to 3, 5, 6, 10, 12, 37, 39, AU5-1, 24, 26, 49, 55, 92 to 94, AU7-88, AU8-2, AU9-3 to 5, 76, AUX-E12, E13, E18, F8, F9

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TOSHIBA ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
5,963,704		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1.5, 3.1.6, 3.2.3, 3.4, 3.4.1, 5, 5.1.4.2, 5.2, 5.2.1, 5.2.3, 5.2.3.1, 5.2.3.1.2, 5.2.3.1.2.1, 5.2.3.1.2.2, 5.2.3.1.2.3, 6.2.3, 6.2.3.2, 6.2.3.3, 7.2.3, 7.2.3.1, 8, 8.1, 8.2, 9, 9.1.2 <i>Annex:</i> F, G.1, G.3 <i>Figs.:</i> 3.2-1, 5-1, 5.1.4.2-1, 5.2.3.1.2-1, 5.2.3.1.2.2-1, 5.2.3.1.2.3-1, 5.2.3.2.1-1, 6.2.1-1, 6.2.3-1, 6.2.3.2-1, 6.2.3.3-1, 7.2.3-1, 7.2.3.1-1 <i>Tables:</i> 5.2.3.1-1, 5.2.3.1.2-1, 5.2.3.1.2.1-1, 9.1.2-1, F-2, F-5, F-6, F-7, G.1-1, G.1-2, G.1-3, G.1-4, G.3-1, G.3-2, G.3-3 <i>Pages:</i> AU1-1 to 3, AU2-11, 14, 18, 26 to 28, AU3-2, 3, 6, 10, 39, AU5-1, 29, 55, 56, 61 to 63, 65, 67 to 69, 73 to 76, 82, AU6-12, 15, 20, 23, AU7-53, 56, AU8-1 to 3, AU9-1, 3, 4, AUX-F2, F4 to F6, G1, G2, G4
5,995,667		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6, 6.2.6.1, 6.2.6.2.1, 6.2.6.2.2 <i>Pages:</i> AU6-46, 48 to 51
5,999,160		2	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6, 6.2.6.1, 6.2.6.2.4, 6.2.6.2.5 <i>Fig.:</i> 6.2.6-1 <i>Tables:</i> 6.2.6.1-1, 6.2.6.2.4-1, 6.2.6.2.5-1 <i>Pages:</i> AU6-46, 48, 56 to 58
5,999,695	HK 1,010,464; KR 228,028	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.1.2, 3.1.4, 3.1.6, 3.2, 3.2.3, 3.3.7, 3.4, 5, 5.1.2, 5.1.4, 5.1.4.1, 5.1.4.2.1.4, 5.2, 5.2.3.2.4, 5.2.4, 7.3, 8.2 <i>Annex:</i> F <i>Figs.:</i> 3.1-2, 3.1.2-1, 3.1.4-1, 3.2-1, 3.2.3-1 <i>Tables:</i> 5.2.3.2.4-1, F-8, F-9 <i>Pages:</i> AU1-1, AU2-27, AU3-1 to 3, 5 to 7, 10, 12, 37, 39, AU5-1, 13, 24, 26, 45, 55, 92 to 94, AU7-88, AU8-2, AUX-F8, F9

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TOSHIBA ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,009,202		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6, 6.2.6.1, 6.2.6.2.1, 6.2.6.2.2 <i>Pages:</i> AU6-46, 48 to 51
6,011,867		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6, 6.2.6.1, 6.2.6.2, 6.2.6.2.1, 6.2.6.2.2 <i>Pages:</i> AU6-46, 48 to 51
6,016,363		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6, 6.2.6.1, 6.2.6.2.1, 6.2.6.2.2 <i>Figs.:</i> 6.2.6-1, 6.2.6-2 <i>Tables:</i> 6.2.6.1-1, 6.2.6.2.1-1 <i>Pages:</i> AU6-46, 48 to 51
6,016,364	CA 2,184,247; TH 10,072 (App. 29,463)	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6, 6.2.6.1, 6.2.6.2.1, 6.2.6.2.2 <i>Figs.:</i> 6.2.6-1, 6.2.6-2 <i>Tables:</i> 6.2.6.1-1, 6.2.6.2.1-1 <i>Pages:</i> AU6-46, 48 to 51
6,018,594		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6, 6.2.6.1, 6.2.6.2.1, 6.2.6.2.2, 6.2.6.2.3 <i>Pages:</i> AU6-46, 48 to 52
6,021,226		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6, 6.2.6.1, 6.2.6.2, 6.2.6.2.1, 6.2.6.2.2 <i>Pages:</i> AU6-46, 48 to 51
6,031,963		3	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.3.3, 6.2.3.3.1, 6.2.6, 6.2.6.1, 6.2.6.2, 6.2.6.2.2, 6.2.6.2.3, 6.2.6.2.4 <i>Figs.:</i> 6.2.3.3-1, 6.2.6-1, 6.2.6-2 <i>Tables:</i> 6.2.3.3.1-1, 6.2.6.2.4-1 <i>Pages:</i> AU6-23 to 25, 46, 48, 50 to 52, 56
6,047,086		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 6.2.6, 6.2.6.1, 6.2.6.2, 6.2.6.2.1, 6.2.6.2.2 <i>Pages:</i> AU6-46, 48 to 51

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TOSHIBA ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Audio Specification
6,075,921	KR 210,739	17	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 1.2, 3.1.2, 5, 5.2, 5.2.1, 5.2.2  <i>Fig.:</i> 3.1.2-1  <i>Pages:</i> AU1-1, 3, AU3-3, AU5-1, 55</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 5.1, 5.1.1, 5.2.1, 5.2.3, 5.4  <i>Figs.:</i> 5.1-1, 5.2.1-1, 5.4.1-1  <i>Table:</i> 5.1-1  <i>Pages:</i> VI5-3 to 5, 9, 14, 38</p> <p><b>DVD-ROM, Part 1:</b>  <i>Secs.:</i> 3.2, 3.2.1, 3.2.2  <i>Figs.:</i> 3.2-1, 3.2.1-1  <i>Pages:</i> PH-40, 41</p>
6,081,208		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 6.2.6, 6.2.6.2.1, 6.2.6.2.2  <i>Pages:</i> AU6-46, 49 to 51</p>

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TOSHIBA ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,128,434		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 2.4, 3, 3.1, 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.2.3, 3.3.7, 3.4, 3.4.1, 3.5.2.2, 5, 5.1, 5.1.2, 5.1.4, 5.1.4.1, 5.2, 5.2.1, 5.2.2, 5.2.3.2.4, 5.2.4, 5.2.4.2, 8.2, 8.2.1, 9.1.2, 10, 10.1  <i>Annex:</i> E, E.18, E.29, E.31, E.32, F, G  <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.2-1, 3.2.3-1, 5.1-1, 5.1.2-1, 5.2.3.2.1-1, 10-2  <i>Tables:</i> 5.2.3.2.4-1, 9.1.2-1, 9.6-1, 10.1-2, E-1, E-3, E-8, F-8, F-9, G.1-3, G.2-1, G.2-2  <i>Pages:</i> AU1-1, AU2-11, 12, 27, AU3-1 to 6, 10, 12, 37, 39, 45, AU5-1, 2, 13, 14, 24, 26, 55, 82, 92, 94, AU8-2, AU9-3 to 5, AU10-1 to 4, AUX-E1, E9, E12, E13, E16, E18, F7 to F9, G1 to G4</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 1.2, 3.1, 3.1.2, 3.1.3, 3.1.4, 3.3.1, 3.3.9.1, 3.3.9.4, 3.3.10, 3.3.11, 3.3.11.1, 3.3.11.2, 3.3.11.3, 3.3.11.4, 3.3.12.2, 4.1.1, 4.1.2, 4.2, 4.2.1, 4.2.4, 4.2.4.1, 4.2.9, 4.5, 4.5.5, 4.6.1.2(a) to 4.6.1.2(c), 5, 5.1, 5.1.1, 5.3  <i>Annex:</i> J, J.1.13, J.1.24, J.1.25 K.6, N  <i>Figs.:</i> 3.1.2-1, 3.1.4-1, 3.3.1-1, 3.3.11.4-1, 3.3.11.4-2, 3.3.11.4-3, 3.3.11.4-4, 3.3.12-3, 4-1, 4.1.2-1, 4.2-1, 4.2.4.1-1, 4.2.9-1, 5.1-1, 5.3-1, 5.3-2, K.6-1  <i>Tables:</i> 3.3.11.1-1, 4.1.1-1, 4.2.4-2, 5.3-1, J.1-2, N-1 to N-4  <i>Pages:</i> VII-2, VI3-1 to 4, 12, 53 to 59, 61, 72 to 78, 80, 83, VI4-1, 3, 11, 12, 38, 48 to 51, 64 to 67, 79, 95, 133, 151, 152, 158 to 161, VI5-1, 3, 5, 32 to 34, VIX-55, 57, 58, 61, 68, 75 to 79</p>

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TOSHIBA ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,160,952		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 2.4, 5.2, 5.2.1, 5.2.2, 5.2.3, 5.2.3.1, 5.2.3.1.2, 5.2.3.1.2.2, 5.2.3.1.2.3, 10  <i>Annex:</i> E.20 to E.25  <i>Figs.:</i> 5.1-1, 5.2.3.1.2-1, 5.2.3.1.2.2-1, 5.2.3.1.2.3-1, 10-2  <i>Table:</i> E-3  <i>Pages:</i> AU1-1, AU2-12, 27, AU5-55, 56, 61, 62, 69 to 76, AU10-1, 2, AUX-E10, E18</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 2.4.106, 3.3.10, 4.4, 5.1.1  <i>Figs.:</i> 3.3.10-1, 5.1-1  <i>Pages:</i> VI2-20, VI3-61, VI4-106, VI5-3, 5</p>
6,253,025		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 3, 3.1, 3.1.2, 3.1.5 to 3.1.7, 8, 8.1, 8.2  <i>Figs.:</i> 3.1-1, 3.1-2  <i>Pages:</i> AU3-1 to 3, 6, AU8-1 to 3</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 1.1, 2.4.86, 3.1.1, 3.3.1, 5, 5.2.5, 5.4.3, 5.4.3.1, 5.4.3.2, 5.4.3.3  <i>Figs.:</i> 3.1.1-1, 3.1.4-1, 4.4.3-2, 5.1-1, 5.2.5-1, 5.3-1, 5.3-2, 5.4.3-1 to 5.4.3-3, 5.4.3.2-5  <i>Tables:</i> 5.2.5-1, 5.4.3.1-1, 5.4.3.3-1  <i>Pages:</i> VI1-1, VI2-10, 17, VI3-1, 4, 12, VI4-113, VI5-1, 3, 28 to 30, 66 to 69, 78</p>

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TOSHIBA ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,532,335		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.2, 3.1.5, 3.1.6, 5, 5.1, 5.1.1, 5.1.2, 5.1.3, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.4, 7.1.2.3.4.1, 7.1.2.3.4.2, 8, 8.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.2-1, 5-1, 5.1-1, 5.1.2-1, 5.1.3-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.4-1 <i>Table:</i> 5.1.1-1 <i>Pages:</i> AU1-1 to 3, AU2-12 to 14, 18, AU3-1 to 4, 6, AU5-1 to 3, 6, 13, 14, 20, AU7-1, 2, 17, 18, 22, 34 to 36, AU8-1
6,567,371		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3, 3.1, 7, 7.1, 7.1.2, 7.1.2.3, 7.1.2.3.3, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 10 <i>Figs.:</i> 3.1-1, 3.1-2, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.3-1, 7.1.2.3.3-2, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 10-1 <i>Tables:</i> 7.1.2.3.1-1, 7.1.2.3.3-1, 7.2.3.1.1-1, 7.2.3.1.2-1 <i>Pages:</i> AU1-1, AU3-1, 2, AU7-1, 2, 17, 18, 22, 23, 31 to 33, 49 to 51, 53 to 57, 63, AU10-1
6,580,671	KR 333,117; TW 139,484	9	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.2, 3.1.4, 5, 5.1, 7, 7.1, 7.1.1, 7.1.2, 7.1.2.3, 7.1.2.3.1, 7.1.2.3.2, 7.1.2.3.3, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 7.2.3.1.1, 7.2.3.1.2, 7.2.4, 7.2.4.1, 7.2.4.1.1, 7.2.4.1.2, 7.2.4.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.2-1, 3.1.4-1, 5.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2-2, 7.1.2.3-1, 7.1.2.3.3-1, 7.1.2.3.3-2, 7.2.1-1, 7.2.3-1, 7.2.3.1-1, 7.2.4-1, 7.2.4.1.2-1, 7.2.4.1.2-2 <i>Tables:</i> 7.1.1-1, 7.1.1-2, 7.1.2.3.1-1, 7.2.3.1.1-1, 7.2.3.1.1-2, 7.2.3.1.2-1, 7.2.4.1.1-1, 7.2.4.2.1-2, C.1-1 <i>Pages:</i> AU1-1 to 3, AU2-12 to 14, 17, 18, AU3-1 to 3, 5, AU5-1, 2, AU7-1 to 3, 4-2, 5 to 12, 17, 18, 22, 23, 25, 31, 32, 49 to 51, 53 to 58, 60 to 62-1, 63, 70, 72 to 76, 79, AUX-C1, C2

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TOSHIBA ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,640,045		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.2, 3.1.5, 3.1.6, 3.3.5.1, 5, 5.1, 5.1.1, 5.1.2, 5.1.3, 6.2.1, 6.2.2, 6.2.3.2, 6.2.5, 7, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.3.1, 8, 8.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.2-1, 5-1, 5.1-1, 5.1.1-1, 5.1.2-1, 5.1.3-1, 6.2.1-1, 6.2.3.2-1, 6.2.5-1, 7.2.1-1, 7.2.3-1, 7.2.3.1-1 <i>Tables:</i> 5.1.1-1, 6.2.2-1, 7.2.2-1 <i>Pages:</i> AU1-1 to 3, AU2-12 to 14, 18, AU3-1 to 4, 6, 18, AU5-1 to 3, 6, 13, 14, 20, AU6-11 to 13, 20, 42, AU7-1, 49 to 51, 53, 56, AU8-1
6,724,979		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.2, 5, 5.1, 7, 7.1, 7.1.1, 7.1.2, 7.1.2.3, 7.1.2.3.2 <i>Annex:</i> F <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.2-1, 5.1-1, 7-1, 7.1-1, 7.1.2-1, 7.1.2.2, 7.1.2.3-1, 7.1.2.3.2-1 <i>Tables:</i> 7.1.1-1, 7.1.2.3.2-1, F-2 <i>Pages:</i> AU1-1 to 3, AU2-12 to 14, 18, AU3-1 to 3, AU5-1, 2, AU7-1 to 3, 13 to 18, 22, 25, 26, 28, AUX-F1 to F12
6,748,160		5	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.2, 3.1.5, 3.1.6, 5, 5.1, 5.1.1, 5.1.2, 5.1.2.2, 5.1.3, 7, 8, 8.1 <i>Figs.:</i> 3.1-1, 3.1-2, 3.1.2-1, 5-1, 5.1-1, 5.1.2-1, 5.1.3-1 <i>Tables:</i> 5.1.1-1, 5.1.2.2-1, 5.1.2.2-2 <i>Pages:</i> AU1-1 to 3, AU2-12 to 14, 18, AU3-1 to 4, 6, AU5-1 to 3, 6, 13 to 15, 17, 20, AU7-1, AU8-1
7,050,370		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.4, 7, 7.1, 7.1.1, 7.2.1, 7.2.4, 7.2.4.1, 7.2.4.1.2 <i>Annex:</i> C.1, D <i>Figs.:</i> 3.1-2, 3.1.4-1, 7.1-1, 7.2.1-1, 7.2.4-1, 7.2.4.1-1, 7.2.4.1.2-1 <i>Tables:</i> 7.1.1-1, 7.1.1-2, 7.1.1-3, C.1-1 <i>Pages:</i> AU1-1 to 3, AU2-12 to 14, AU3-2, 5, AU7-1 to 3, 5, 6, 9, 13 to 16, 50, 70, 71, 73 to 75, AUX-C1, C2, D1

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TOSHIBA ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
7,095,704		1	<p><b>DVD-ROM Audio, Part 4:</b></p> <p><i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.1.2, 3.1.4, 5.1.2, 5.1.2.2, 7, 7.1, 7.1.1, 7.1.2, 7.1.2.3, 7.1.2.3.2, 7.1.2.3.3, 7.2.1, 7.2.2</p> <p><i>Annex:</i> D, F</p> <p><i>Figs.:</i> 3.1-2, 3.1.2-1, 3.1.4-1, 7-1, 7.1-1, 7.1.2.2, 7.1.2.3-1, 7.1.2.3.2-1, 7.1.2.3.3-1, 7.2.1-1</p> <p><i>Tables:</i> 5.1.2.2-2, 7.1.1-1, 7.1.1-3, 7.2.2-1, 7.1.2.3.2-1, 7.1.2.3.3-1</p> <p><i>Pages:</i> AU1-1 to 3, AU2-12 to 14, 23, AU3-2, 3, 5, AU5-13, 17, AU7-1 to 3, 13 to 18, 22, 25, 26, 28, 31, 32, 49 to 51, AUX-D1</p>

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WARNER BROS. ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
5,400,077	EP 683,956; (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); EP 979,007 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); HK 1,025,704	13	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 5.1.1 (RBP 256, 257), 6.1.1 (RBP 24 to 31), 9.1.2(o), 10, 10-2 <i>Fig.:</i> 10-2 <i>Tables:</i> 9.1.2-1, F-8 <i>Pages:</i> AU5-8, 9, AU6-5, 7, AU9-4, 8, AU10-2, 7, AUX-F7, F8  <b>DVD-ROM Video, Part 3:</b> <i>Secs.:</i> 4.1.1 (RBP 256, 257), 4.2.1 (RBP 512, 513) <i>Table:</i> N-2 <i>Pages:</i> VI4-7, 8, 42, 46 to 48, VIX-78
5,463,565	AU 673,783; CA 2,174,225; EP 727,074 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); EP 969,464 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); EP 969,472 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); HK 1,024,974; HK 1,024,975; KR 231,632	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 1.1, 3, 3.1, 3.1.6, 8.2 <i>Pages:</i> AU1-1, AU3-1, 2, 6, AU8-2  <b>DVD-ROM Video, Part 3:</b> <i>Secs.:</i> 1.2, 3.2.1, 3.2.2, 3.3.1, 3.3.12.2, 3.3.12.4, 3.3.12.5, 4.5.5, 5.1.1 <i>Figs.:</i> 3.3.12.5-1, 5.3-2 to 5.3-4 <i>Tables:</i> 5.4.1.2-1, 5.4.2.2-1, 5.4.2.3-1 <i>Pages:</i> VI1-2, VI3-7, 8, 12, 83, 89, 90, VI4-151, 152, VI5-5 to 7, 34, 35, 40, 52, 53

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WARNER BROS. ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Audio Specification
5,497,241	AU 678,630; CA 2,174,111; EP 726,014 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); EP 971,536 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); EP 973,332 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); HK 1,024,998; HK 1,025,449; KR 220,446	7	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 3.1.4, 5.1.4, 5.2, 5.2.3.2.4, 5.2.4, 5.2.4.1, 5.2.4.2, 10 <i>Fig.:</i> 10-2 <i>Tables:</i> 5.1.4-2, 5.2.3.2.4-1 <i>Pages:</i> AU3-39, AU5-24, 25, 85, 92 to 94, AU10-1, 2  <b>DVD-ROM Video, Part 3:</b> <i>Secs.:</i> 3.3.9.4, 3.3.11.4, 5, 5.1, 5.1.1 <i>Figs.:</i> 3.3.11.4-1, 3.3.11.4-3, 5.1-1 <i>Table:</i> 5-1 <i>Pages:</i> VI3-59, 76, 77, VI5-1, 3, 5
5,574,567		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 3.1, 3.1.6, 8.2, 8.2.1 <i>Figs.:</i> 3.1-1 <i>Pages:</i> AU3-1, 6, AU8-2  <b>DVD-ROM Video, Part 3:</b> <i>Sec.:</i> 3.1.3, 3.2.2, 3.3.11, 3.3.11.2, 3.3.11.4, 3.3.12.2, 4.4, 4.4.1, 4.4.3.4 <i>Figs.:</i> 3.3.11.2-1, 3.3.11.3-3, 3.3.11.4-4, 4.4-1, 4.4.3-2 <i>Tables:</i> 3.3.11.1-1, 4.4.1-1 <i>Pages:</i> VI3-2, 3, 8, 72, 73, 75, 77, 78, 83, VI4-106, 107, 113, 129

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WARNER BROS. ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Audio Specification
5,598,276	AU 678,629; CA 2,175,363; EP 726,013 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); EP 967,799 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); EP 969,664 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); HK 1,024,567; HK 1,024,999; KR 255,873	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 3.1, 3.1.6, 8.2, 8.2.1 <i>Figs.:</i> 3.1-1 <i>Pages:</i> AU3-1, 6, AU8-2  <b>DVD-ROM Video, Part 3:</b> <i>Sec.:</i> 3.1.3, 3.2.2, 3.3.11, 3.3.11.2, 3.3.11.4, 3.3.12.2, 4.4, 4.4.1, 4.4.3.4 <i>Figs.:</i> 3.3.11.2-1, 3.3.11.3-3, 3.3.11.4-4, 4.4-1, 4.4.3-2 <i>Tables:</i> 3.3.11.1-1, 4.4.1-1 <i>Pages:</i> VI3-2, 3, 8, 72, 73, 75, 77, 78, 83, VI4-106, 107, 113, 129
5,619,424	AU 671,566; CA 2,237,075; EP 979,008 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); HK 1,025,861; KR 236,030	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 3.1.2, 5.1.1 (RBP 256, 257) <i>Fig.:</i> 3.1.2-1 <i>Pages:</i> AU3-3, AU5-8  <b>DVD-ROM Video, Part 3:</b> <i>Sec.:</i> 5.4.1.2.1 <i>Table:</i> 5.4.1.2-4 <i>Pages:</i> VI5-41, 42

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,148,139	EP 967,800 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE); HK 1,024,585	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 3.1, 8, 8.1, 8.2 <i>Pages:</i> AU3-1, AU8-1 to 3  <b>DVD-ROM Video, Part 3:</b> <i>Secs.:</i> 1.2, 3.2.2, 3.3.1, 3.3.12.2, 4.4, 4.4.3, 4.4.3.3, 4.4.3.4(c), 4.5.5, 5.1, 5.1.1 <i>Figs.:</i> 3.2.2-2, 3.3.1-1, 4.4.3-1, 4.4.3-2, 5.1-1, 5.3-2 to 5.3-4 <i>Tables:</i> 5.4.1.2-1, 5.4.2.2-1, 5.4.2.3-1 <i>Pages:</i> VI1-2, VI3-10, 12, 83, VI4-106, 113, 122, 129, 151, 152, VI5-3, 5, 34, 35, 40, 52, 53
6,173,022	AU 731,308; EP 877,370 (AT, BE, DE, FR, GB, GR, IT, NL); HK 1,016,730; KR 604,163; SG 71,113	1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 7.2.3.1, 7.2.3.1.1, 7.2.4, 7.2.4.1, 7.4.1.2 <i>Figs.:</i> 7.2.3.1-1, 7.2.4-1, 7.2.4.1.2-1, 7.2.4.1.2-2 <i>Tables:</i> 7.2.3.1-1, 7.2.4.1-1, C.1-1 <i>Pages:</i> AU7-56, 57, 70, 71, 74 to 76, AUX-C2
6,418,271		1	<b>DVD-ROM Audio, Part 4:</b> <i>Secs.:</i> 5.1.4, 5.2, 5.2.3.2.4, 5.2.4, 5.2.4.1, 5.2.4.2 <i>Tables:</i> 5.1.4-2, 5.2.3.2.4-1 <i>Pages:</i> AU5-24, 25, 85, 92 to 94  <b>DVD-ROM Video, Part 3:</b> <i>Secs.:</i> 3.3.11.4, 5, 5.1, 5.1.1 <i>Figs.:</i> 3.3.11.4-1, 3.3.11.4-3, 5.1-1 <i>Table:</i> 5-1 <i>Pages:</i> VI3-76, 77, VI5-1, 3, 5

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WARNER BROS. ESSENTIAL DVD-ROM AUDIO DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Audio Specification
6,487,365		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 1.1, 3, 3.1, 3.1.6, 8.2  <i>Pages:</i> AU1-1, AU3-1, 2, 6, AU8-2</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 1.2, 3.2.1, 3.2.2, 3.3.1, 3.3.12.2, 3.3.12.4, 3.3.12.5, 4.5.5, 5.1.1  <i>Figs.:</i> 3.3.12.5-1, 5.3-2 to 5.3-4  <i>Tables:</i> 5.4.1.2-1, 5.4.2.2-1, 5.4.2.3-1  <i>Pages:</i> VI1-2, VI3-7, 8, 12, 83, 89, 90, VI4-151, 152, VI5-5 to 7, 34, 35, 40, 52, 53</p>
6,526,221		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 3.1, 8, 8.1, 8.2  <i>Pages:</i> AU3-1, AU8-1 to 3</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 1.2, 3.3.1, 3.3.12.2, 3.3.12.4, 3.3.12.5, 4.4, 4.4.3, 4.4.3.3, 4.4.3.4(c), 4.5.5, 5.1.1  <i>Figs.:</i> 3.2.2-2, 3.3.1-1, 3.3.12.5-1, 4.4.3-1, 4.4.3-2, 5.1-1, 5.3-2 to 5.3-4  <i>Tables:</i> 5.4.1.2-1, 5.4.2.2-1, 5.4.2.3-1  <i>Pages:</i> VI1-2, VI3-10, 12, 83, 89, 90, VI4-106, 113, 122, 129, 151, 152, VI5-3, 5, 34, 35, 40, 52, 53</p>

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Audio Specification
6,553,176		1	<p><b>DVD-ROM Audio, Part 4:</b>  <i>Secs.:</i> 3.1, 3.1.6, 8.2, 8.2.1  <i>Fig.:</i> 3.1-1  <i>Pages:</i> AU3-1, 6, AU8-2</p> <p><b>DVD-ROM Video, Part 3:</b>  <i>Secs.:</i> 3.1.3, 3.2.2, 3.3.11, 3.3.11.2, 3.3.11.4, 3.3.12.2, 4.4, 4.4.1, 4.4.3.4  <i>Figs.:</i> 3.3.11.2-1, 3.3.11.3-3, 3.3.11.4-4, 4.4-1, 4.4.3-2  <i>Tables:</i> 3.3.11.1-1, 4.4.1-1  <i>Pages:</i> VI3-2, 3, 8, 72, 73, 75, 77, 78, 83, VI4-106, 107, 113, 129</p>