

## SUMMARY REPORT OF ESSENTIAL DVD-ROM PLAYBACK PATENTS\*

HITACHI ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Specification
4,235,507	CA 1,109,961; FR 2,403,575; GB 2,006,461	6	DVD-ROM, Part 1: Secs.: 1.2, 2.3.2 Pages: PH-2, 12
5,586,108		12	DVD-ROM, Part 1: Secs.: 3.2.7, 3.2.8, 3.2.9 Figs.: 3.2.7-1, 3.2.8-1, 3.2.9-1 Pages: PH-47, 49, 50
5,768,298		19	DVD-ROM, Part 1: Secs.: 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9 Figs.: 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.9-1 Pages: PH-40, 41, 47, 50
5,966,721		16	DVD-ROM, Part 1: Secs.: 3, 3.1.3, 3.1.4, 3.4.1.3.1 (BP 4 to 15) Figs.: 3.1.4-1, 3.1.4-1(b) Pages: PH-37 to 39, 69
5,983,387	KR 239,236	2	DVD-ROM, Part 1: Secs.: 1.1, 2.1, 3.2.2, 3.2.9 Annex: L Figs.: 2.1-1, 3.2.1-1, 3.2.9-1, L-1 Table: 3.2.9-1 Pages: PH-1, 9, 40, 50, 51, PHX-22

\* 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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HITACHI ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
6,002,655	CA 2,210,108; EP 818,776 (DE, FR, GB, IT)	5	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 2.3.2, 2.3.8, 2.5.2, 2.7.1, 3, 3.1.2, 3.1.4, 3.2, 3.2.2 <i>Annex:</i> A.1, L <i>Figs.:</i> 2.3.8-1, 2.5-2, 2.6-2, L-1 <i>Pages:</i> PH-1, 12, 14, 15, 21, 23, 28, 29, 37, 40 to 42, PHX-1, 22
6,076,184	KR 239,238	2	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 2.1, 2.1.1, 3.2.2, 3.2.9 <i>Annex:</i> L <i>Figs.:</i> 2.1-1, 3.2.1-1, 3.2.9-1, L-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-1, 9, 40, 50, 51, PHX-22
6,140,028		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 2.1, 2.3.2, 2.3.8(a), 2.4, 3 <i>Annex:</i> L <i>Figs.:</i> 2.1-1, 2.4-1, L-1 <i>Pages:</i> PH-1, 9, 12, 14, 20, 37, PHX-22
6,314,542		4	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 2.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.9 <i>Annex:</i> L <i>Figs.:</i> 2.1-1, 3.2-1, 3.2.1-1, 3.2.9-1, L-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-1, 9, 37, 40 to 42, 50, 51, PHX-22
6,317,403	CN ZL 02119949.3; HK 1,052,792	2	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 2.3.2, 2.3.8, 2.7.1, 2.7.2, 3, 3.1.2, 3.1.4, 3.2.2 <i>Annex:</i> L <i>Figs.:</i> 2.6-2, 2.7.2-1, 3.1.4-1, L-1 <i>Pages:</i> PH-1, 2, 12, 14, 23, 28 to 30, 33, 37 to 39, 41, PHX-22

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
6,324,618		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.5.15, 2.1, 2.3.2, 2.3.8, 2.3.9, 3, 3.1.4, 3.1.4.1, 3.2, 3.2.1, 3.2.2, 3.4.1.1, 3.4.1.3, 3.4.1.3.1 <i>Annex:</i> L <i>Figs.:</i> 2.1-1, 3.1.4-1, 3.2.1-1, 3.4.1.1-1, 3.4.1.3-1, L-1 <i>Table:</i> 3.4.1.3.1-1 <i>Pages:</i> PH-1, 2, 6, 9, 12, 14, 16, 37 to 41, 64, 66, 68, 69, PHX-22
6,452,889		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 2.3.2, 2.3.8, 2.5.2, 3.1.2, 3.1.4, 3.2, 3.2.2 <i>Annex:</i> L <i>Figs.:</i> 2.3.8-1, 2.5.2, L-1 <i>Pages:</i> PH-1, 2, 12, 14, 15, 21 to 23, 37, 40 to 43, PHX-22
6,552,970		5	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 2.3.2, 2.3.8, 2.7.1, 2.7.2, 3, 3.1.2, 3.1.4, 3.2.2 <i>Annex:</i> L <i>Figs.:</i> 2.5-2, 2.6-2, 2.7.2-1, 3.1.4-1, L-1 <i>Pages:</i> PH-1, 2, 12, 14, 23, 28 to 30, 33, 37 to 39, 41, PHX-22

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JVC ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
5,014,274	EP 337,702 (DE, FR, GB, NL); HK 1,000,543; KR 59,670	2	DVD-ROM, Part 1: <i>Sec.:</i> 3.2.6 <i>Fig.:</i> 3.2.6-1 <i>Page:</i> PH-46

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MITSUBISHI ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-ROM Specification
5,255,262	CN ZL 93121218.9; EP 517,490 (DE, FR, GB, IT, NL); KR 121,206	37	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.5.1, 1.5.16, 2.1, 2.3.2, 2.5.1, 2.5.2, 2.5.3, 2.5.4 <i>Figs.:</i> 2.1-1, 2.4-1, 2.5-2 <i>Pages:</i> PH-1, 2, 5, 6, 9, 12, 20, 21, 23
5,410,530	CN ZL 95101435.8; EP 773,542 (DE, FR, IT, NL) (Lapsed in GB) HK 1,008,705; KR 124,430	1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.5.2, 2.3.2, 2.3.4, 2.7.1, 3.4.1.3.1 <i>Fig.:</i> 2.7.2-1 <i>Pages:</i> PH-1, 2, 5, 12, 29, 33, 68
5,598,398	CN ZL 98126571.5; KR 126,372	10	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.5.2, 2.3.2, 2.3.4, 2.3.9, 2.7.1, 3.4.1.3.1 <i>Fig.:</i> 2.7.2-1 <i>Pages:</i> PH-1, 2, 5, 12, 16, 29, 33, 68
5,625,609		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.2, 2.3.2, 2.5.1 to 2.5.4, 2.5.7 <i>Pages:</i> PH-2, 12, 21
5,905,700	CN ZL 00128536.X	17	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.5.2, 1.5.18, 2.3.2, 2.3.4, 2.3.9, 2.5.2, 2.6.4, 2.7.2, 3.2.2 <i>Annex:</i> I <i>Pages:</i> PH-1, 2, 5, 6, 12, 16, 21, 25, 30, 41, PHX-11-1 to 12-2
6,151,292		7	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 2.1, 2.3.2, 3.1.1, 3.1.3, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7 <i>Annex:</i> L <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1 <i>Pages:</i> PH-1, 2, 9, 12, 14, 37 to 41, 47, PHX-22

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MITSUBISHI ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
6,529,451		11	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.5.15, 2.1, 2.3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9, 3.4.1.1, 3.4.1.3, 3.4.1.3.1 <i>Figs.:</i> 3.2-1, 3.2.7-1, 3.4.1.1-1, 3.4.1.3-1 <i>Table:</i> 3.4.1.3.1-1 <i>Pages:</i> PH-1, 2, 6, 9, 12, 40, 41, 47, 50, 64, 66 to 68
6,930,965		2	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.5.15, 2.1, 2.3.2, 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, 6, 9, 12, 37 to 41, 47, 50

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PANASONIC ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
5,276,674		4	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.2, 1.5.18, 2.1, 2.5.1, 2.5.4, 2.6.3, 2.6.13, 3.1.1, 3.2.7, 3.2.8, 3.2.9 <i>Figs.:</i> 2.1-1, 2.5-1, 2.5-2, 3.2.7-1, 3.2.9-1 <i>Pages:</i> PH-2, 6, 9, 21 to 23, 25, 26, 37, 47 to 50
5,546,427		9	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 3.2.9, 3.3, 3.3.1, 3.3.2 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-50 to 52-2, 53
5,777,969	CN ZL 00120048.8	5, 6	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.2, 2.1, 2.3.2, 2.5.1, 2.5.2, 2.5.7, 3.1.1, 3.1.2 <i>Annex:</i> D <i>Figs.:</i> 2.1-1, 2.4-1, 2.5-2 <i>Pages:</i> PH-2, 9, 12, 20, 21, 23, 37, PHX-4
5,808,979		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 2.1, 2.3.2, 2.7.1, 2.7.2 <i>Annex:</i> I.1, I.2 <i>Figs.:</i> 2.1-1, 2.7.2-1, I.1-1 <i>Pages:</i> PH-1, 2, 9, 12, 29, 30, 33, PHX-11-1, 12-1
5,850,379	EP 686,968 (DE, FR, GB); KR 254,155	1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 3.1.3, 3.2.2, 3.2.6, 3.3.3 <i>Figs.:</i> 3.2-1, 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH-37, 40, 41, 46, 54

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PANASONIC ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
5,881,032	EP 856,186 (DE, FR, GB); HK 1,015,516; ID 6,397; KR 305,562; MX 209,999; MY 113,528; SG 52,060; TH 10,539; TW 90,129; VN 1,253	5	DVD-ROM, Part 1: Secs.: 2.7.1(d), 3, 3.1.1, 3.1.4, Figs.: 2.6-2(B), 3.1.4-1 Pages: PH-28, 30, 37 to 39
5,898,394		36	DVD-ROM, Part 1: Secs.: 1.1, 1.2, 2.1, 2.3.2, 3, 3.2, 3.2.6 Annex: L Figs.: 2.1-1, 3.2-1, 3.2.6-1, L-1 Table: 3.2.6-1 Pages: PH-1, 2, 9, 12, 37, 40, 46, PHX-22
6,128,388		11	DVD-ROM, Part 1: Secs.: 1.1, 1.5.8, 2.1, 2.3.2, 2.6.6, 3.3.3 Annex: K.1 to K.4, K.9.2, L Figs.: 2.1-1, L-1 Pages: PH-1, 5, 9, 12, 25, 37, 54, PHX-16, 21, 22
6,144,742		5	DVD-ROM, Part 1: Secs.: 2.6.6 Annex: K.1 to K.3, K.5.2, K.7, L Figs.: K.2-1, L-1 Pages: PH-25, PHX-16, 17, 19, 22



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PANASONIC ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
6,278,671		5	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.5.8, 1.5.17, 1.5.19, 2.1, 2.3.2, 2.6, 3, 3.2, 3.2.1, 3.2.2, 3.3, 3.3.3, 3.4.1.1, 3.4.1.3, 3.4.1.3.1 <i>Annex:</i> K.1 to K.4, L <i>Figs.:</i> 2.1-1, 3.2-1, 3.4.1.1-1, K.2-1, L-1 <i>Tables:</i> 3.3-1, 3.3-2, 3.4.1.3.1-1 <i>Pages:</i> PH-1, 2, 5, 6, 9, 12, 25, 37, 40, 41, 52-1, 52-2, 54 to 62, 64, 66, 69, PHX-16, 22
6,280,812		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 2.1, 2.3.2, 2.4, 2.5, 2.5.1, 2.5.2, 2.5.7 <i>Annex:</i> L <i>Figs.:</i> 2.1-1, 2.4-1, 2.5-2, L-1 <i>Pages:</i> PH-9, 12, 20, 21, 23, PHX-22
6,285,764		4	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.5.17, 1.5.19, 2.1, 2.3.2, 2.6, 3, 3.4.1.1, 3.4.1.3, 3.4.1.3.1 <i>Annex:</i> K.1 to K.5, K.9, L <i>Figs.:</i> 2.1-1, 3.4.1.1-1, K.2-1, K.5-1, L-1 <i>Table:</i> 3.4.1.3.1-1 <i>Pages:</i> PH-1, 2, 6, 9, 12, 25, 37, 64, 66, 69, PHX-16, 17, 21, 22
6,298,138		3	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.5.8, 1.5.17, 1.5.19, 2.1, 2.3.2, 2.6, 3, 3.2, 3.2.1, 3.2.2, 3.3, 3.3.3, 3.4.1.1, 3.4.1.3, 3.4.1.3.1 <i>Annex:</i> K.1 to K.5, K.9, L <i>Figs.:</i> 2.1-1, 3.2-1, 3.4.1.1-1, K.2-1, K.5-1, L-1 <i>Tables:</i> 3.3-1, 3.3-2, 3.4.1.3.1-1 <i>Pages:</i> PH-1, 2, 5, 6, 9, 12, 25, 37, 40, 41, 52-1, 52-2, 54 to 62, 64, 66, 69, PHX-16, 17, 21, 22

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PANASONIC ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
6,489,002		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 2.1, 2.3.2, 2.4, 2.5, 2.5.1, 2.5.2, 2.5.7 <i>Annex:</i> L <i>Figs.:</i> 2.1-1, 2.4-1, 2.5-2, L-1 <i>Pages:</i> PH-9, 12, 20, 21, 23, PHX-22
6,600,706		6	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.2, 1.5.8, 1.5.17, 1.5.19, 2.3.2, 2.6, 3.3, 3.3.3, 3.4.1.1, 3.4.1.3, 3.4.1.3.1 <i>Annex:</i> K.1 to K.4, L <i>Figs.:</i> 3.4.1.1-1, K.2-1, L-1 <i>Tables:</i> 3.3-1, 3.3-2, 3.4.1.3.1-1 <i>Pages:</i> PH-2, 5, 6, 12, 25, 26, 52-1, 52-2, 54 to 62, 64, 66, 69, PHX-16, 22
6,618,347		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.2, 1.5.1, 1.5.17, 1.5.19, 2.3.2, 2.6, 3.4.1.1, 3.4.1.3, 3.4.1.3.1 <i>Annex:</i> K.1 to K.3, K.9.2, L <i>Figs.:</i> 3.4.1.1-1, K.2-1, K.9-1, L-1 <i>Table:</i> 3.4.1.3.1-1 <i>Pages:</i> PH-2, 5, 6, 12, 25, 64, 66, 69, PHX-16, 21, 22
RE 39,771		36	<b>DVD-ROM, Part 1</b> <i>Secs.:</i> 1.5.15, 2.3.2, 3, 3.1.4, 3.2, 3.2.2, 3.2.6 <i>Annex:</i> L <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1, L-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH-6, 12, 37, 40, 41, 46, PHX-22

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PANASONIC/TOSHIBA ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
5,732,066	TW 84,703	19	DVD-ROM, Part 1: <i>Secs.:</i> 2.6.3, 2.6.6, 3.1.1, 3.2.6 <i>Figs.:</i> 3.2.6-1, 2.3.9 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH-25, 37, 46, 50
5,790,569	ID 9,088; KR 255,105; MX 220,385; PH 1-1996-52859; SG 37,784; TH 17,839; TW 89,851	19	DVD-ROM, Part 1: <i>Secs.:</i> 1.4.6, 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-4, 40, 47 to 49
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); IN 193,416; KR 378,646; MX 200,127; MY 112,506; PH 1-1996-52834; SG 46,792; TH 14,818; VN 1,400	25	DVD-ROM, Part 1: <i>Secs.:</i> 1.1, 1.5.15, 1.5.18, 2.1, 2.6.3, 2.6.6, 3, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.2.9, 3.3.3 <i>Annex:</i> L <i>Figs.:</i> 2.1-1, 3.2-1, 3.2.1-1, 3.2.6-1, L-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH-1, 6, 9, 25, 37, 40, 41, 46, 50, 54, PHX-22

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PANASONIC/TOSHIBA ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM 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	14	DVD-ROM, Part 1: <i>Secs.:</i> 1.1, 2.1, 3, 3.1.1, 3.2, 3.2.9, 3.3, 3.3.1 <i>Figs.:</i> 2.1-1, 3.2-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-1, 9, 37, 40, 50 to 52-2

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PANASONIC/TOSHIBA ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM 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; IN 193,096; KR 377,523; MX 196,771; MY 112,963; NO 318,893; SG 35,867; TW 84,702; VN 1,480	45	DVD-ROM, Part 1: <i>Secs.:</i> 1.5.1, 1.5.8, 3.2.9, 3.3 <i>Figs.:</i> 1.5.8-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-5, 50 to 52-1
6,182,263	CA 2,190,985; PH 1-2004-00326; VN 1,269	1	DVD-ROM, Part 1: <i>Secs.:</i> 3.2, 3.2.1, 3.2.7, 3.2.8 <i>Annex:</i> L <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, L-1 <i>Pages:</i> PH-40, 47 to 49, PHX-22

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SAMSUNG ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
5,060,220		15	DVD-ROM, Part 1: <i>Sec.:</i> 2.3.2 <i>Fig.:</i> 2.7.2-1 <i>Pages:</i> PH-12, 33

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SANYO ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
5,477,527		5	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 2.3.2, 2.5.1, 2.5.7, 2.6.13, 2.7.1 <i>Annex:</i> L <i>Figs.:</i> 2.5.1-1, 2.7.2-1, L-1 <i>Pages:</i> PH-1, 2, 12, 21, 23, 26, 29, 33, PHX-22
5,689,495		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 2.3.2, 2.5.1, 2.5.7, 2.6.13, 2.7.1 <i>Annex:</i> L <i>Figs.:</i> 2.5.1-1, 2.7.1-1, 2.7.2-1, L-1 <i>Pages:</i> PH-1, 2, 12, 21, 23, 26, 29, 32, 33, PHX-22
5,838,657		2	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.2, 2.3.2, 2.5.1, 2.5.4, 2.7.1 <i>Annex:</i> L <i>Figs.:</i> 2.5.1-1, L-1 <i>Pages:</i> PH-2, 12, 21, 23, 29, PHX-22
6,009,072		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.2, 2.3.2, 2.5.4, 2.6.13, 2.7.1 <i>Annex:</i> L <i>Figs.:</i> 2.5.1-1, L-1 <i>Pages:</i> PH-2, 12, 21, 23, 26, 29, PHX-22

## SUMMARY REPORT OF ESSENTIAL DVD-ROM PLAYBACK PATENTS

TOSHIBA ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
4,520,469	EP 87,973 (DE, FR, GB, NL)	1	DVD-ROM, Part 1: Secs.: 1.2, 2.3.7, 2.3.9 Fig.: 1.1-1 Pages: PH-2, 14, 16, PHX-12-1
5,459,712	EP 664,541 (DE, FR, GB); KR 135,222	5	DVD-ROM, Part 1: Secs.: 1.2, 2.6.13, 2.7(a), 2.7(b) Pages: PH-2, 26, 29
5,587,991	KR 191,944	6	DVD-ROM, Part 1: Secs.: 3.2.9, 3.3.2 Table: 3.2.9-1 Pages: PH-50, 51, 53
5,666,339		6	DVD-ROM, Part 1: Secs.: 1.2, 2.3.2, 2.3.6, 3.1.1 Fig.: 2.3.6-1 Pages: PH-2, 12, 13, 37
5,708,651		5	DVD-ROM, Part 1: Secs.: 1.2, 2.1, 2.3.2, 2.5.1, 2.5.5, 2.6.13, 3.1.1 Figs.: 2.1-1, 2.5-1, 2.5-3 Pages: PH-2, 9, 21, 22, 24, 26, 37
5,777,981		22	DVD-ROM, Part 1: Secs.: 1.2, 2.1, 2.3.2, 2.6.13, 2.7.1 Fig.: 2.7.2-1 Pages: PH-2, 9, 12, 26, 29, 33
5,831,966		2	DVD-ROM, Part 1: Secs.: 1.1, 3.2.2, 3.4.1.3 (BP2) Pages: PH-1, 41, 68



## SUMMARY REPORT OF ESSENTIAL DVD-ROM PLAYBACK PATENTS

TOSHIBA ESSENTIAL DVD-ROM PLAYBACK PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-ROM Specification
5,892,751	CA 2,191,588; KR 253,618; PH1-1998-02297; VN 1,373	6	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.2, 2.3.2, 3, 3.3, 3.4.1.2 <i>Fig.:</i> 3.1.4-1 <i>Pages:</i> PH-2, 12, 37, 39, 52-1, 65
5,930,227		1	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 2.3.2, 3, 3.1.1, 3.4.1.2 <i>Fig.:</i> 2.7.2-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH-12, 33, 37, 51, 52-1, 65
5,956,306		4	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.1, 2.3.2, 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-1, 12, 40 to 42, 47 to 50
5,959,963 <sup>1</sup> / RE 38,643		5	<b>DVD-ROM, Part 1:</b> <i>Secs.:</i> 1.2, 1.5.16, 1.5.18, 1.5.19, 2.1, 2.3.2, 2.5, 2.5.1, 2.5.5, 2.5.7, 2.6.13, 2.7.2, 3.1.1 <i>Annex:</i> D.1, L <i>Figs.:</i> 2.1-1, 2.5-1, 2.5-2, 2.5-3, 2.7.2-1, D.1-1, L-1 <i>Pages:</i> PH-2, 6, 9, 12, 21 to 24, 26, 33, 37, PHX-4, 22

<sup>1</sup> U.S. Patent No. 5,959,963 was surrendered on 2 November 2004 in favor of essential U.S. Reissue Patent RE 38,643.