

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

HITACHI ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
4,646,103		1	<b>DVD-RW, Part 1:</b> <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, K-2 <i>Pages:</i> PH1-1, PH2-29, PHX-K1, K2
4,682,332	EP 150,811 (DE, FR, GB, NL)	1	<b>DVD-RW, Part 1:</b> <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, 7
5,257,256		1	<b>DVD-RW, Part 1:</b> <i>Sec.:</i> 2.2.3.8.1 <i>Annex:</i> K <i>Figs.:</i> K-1, K-2 <i>Pages:</i> PH2-29, PHX-K1, K2
5,333,126	DE 4,304,267	1	<b>DVD-RW, Part 1:</b> <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, PH3-12, 13, 16 to 18, PHX-J1 to J3
5,586,108		1	<b>DVD-RW, Part 1:</b> <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, 9 to 12

\* 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-RW Specification
5,642,343		16	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 1.6, 1.8, 2.1.1, 2.2.1, 2.2.3.8.1, 2.2.6.7, 3.3, 3.3.1, 4.2.3.6.1, 4.2.3.6.2 <i>Figs.:</i> 2.1.1-1, 2.2.1-1, 2.2.3.8.1-1 <i>Tables:</i> 4.2.3.6.1-1, 4.2.3.6.2-1 <i>Pages:</i> PH1-1, 7, 9, 15, PH2-1, 25, 29, 34, PH3-16, 17, PH4-15, 16
5,732,061		11	<b>DVD-RW, Part 1:</b> <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> PH1-8, 12, PH3-2, PH4-24, PHX-L1 to L3
5,768,298		1	<b>DVD-RW, Part 1:</b> <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, 9, 11
5,906,907		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 2.1.3.8(a), 2.2.1 <i>Figs.:</i> 2.2.1-1, 2.2.4.1-1 <i>Pages:</i> PH2-6, 7, 25, 32
5,974,581	CN ZL 96105518.9	1	<b>DVD-RW, Part 1:</b> <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, 9, 12, 13
5,983,387	KR 239,236	1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 2.1.1, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9, 3.4.1.4 <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.9-1 <i>Pages:</i> PH2-1, PH3-2, 3, 9, 12, 36

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HITACHI ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
5,991,260		13	<b>DVD-RW, Part 1:</b> <i>Annex:</i> V.1, V.1.1.1, V.1.1.2, V.1.1.4, V.1.1.5, V.1.3.1, V.1.3.5, V.1.4.1, V.1.4.5, V.1.5, V.1.6, V.1.7 <i>Figs.:</i> V.1.1-1, V.1.1-3, V.1.3-3, V.1.4-3 <i>Pages:</i> PHX-V1, V2, V3-2, V5 to V7, V17, V25 to V28, V37, V45, V46, V46-2
6,075,763		60	<b>DVD-RW, Part 1:</b> <i>Annex:</i> V.1, V.1.1.1, V.1.1.4, V.1.1.5, V.1.3.1, V.1.3.5, V.1.3.6, V.1.4.1, V.1.4.5, V.1.4.6, V.1.5, V.1.6, V.1.7 <i>Figs.:</i> V.1.1-1, V.1.1-3, V.1.3-3, V.1.4-3 <i>Pages:</i> PHX-V1, V2, V3-2, V5 to V8, V17, V25 to V28, V37, V45, V46, V46-2
(6,076,184) <sup>1</sup>	KR 239,238	2	<b>DVD-RW, Part 1:</b> <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> PH2-1, PH3-2, 3, 12, PHX-T1
6,108,299		12	<b>DVD-RW, Part 1:</b> <i>Annex:</i> V.1, V.1.3.1, V.1.3.6, V.1.4.1, V.1.4.6, V.1.5, V.1.6, V.1.7 <i>Figs.:</i> V.1.1-1 to V.1.1-3, V.1.1-7, V.1.3-3, V.1.4-3 <i>Pages:</i> PHX-V1, V2, V3-2, V5, V6, V8, V17, V25, V26, V28, V37, V45, V46, V46-2
6,140,028		1	<b>DVD-RW, Part 1:</b> <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, 2.1.4-1 <i>Pages:</i> PH2-1, 4, 6, 7, 12, PH4-1

<sup>1</sup> U.S. Patent No. 6,076,184 is essential for DVD-RW 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-RW Specification
6,314,542		1	DVD-RW, Part 1: <i>Secs.:</i> 1.1, 2.1.1, 3.1.4, 3.2, 3.2.1, 3.2.7, 3.2.9 <i>Figs.:</i> 2.1.1-1, 3.2-1, 3.2.1-1, 3.2.9-1, T-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH1-1, PH2-1, PH3-1 to 3, 9, 12 to 13, PHX-T1
6,573,025		1	DVD-RW, Part 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> PH1-1, 2, PH2-1, 4, 6

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JVC ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RW Specification
5,014,274	EP 337,702 (DE, FR, GB, NL); HK 1,000,543; KR 59,670	1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 3.2, 3.2.2, 3.2.6 <i>Figs.:</i> 3.2-1, 3.2.6-1 <i>Table:</i> 3.2.6-1 <i>Pages:</i> PH3-2, 3, 8
5,617,408	TW 78,273	3	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.6, 2.1.1, 2.1.5.5, 2.1.6.5, 2.2.1, 2.2.6.3, 4.2.1 <i>Annex:</i> X.2, X.3 <i>Figs.:</i> 2.1.1-1, 2.1.6-1, 2.2.1-1, X.2-1 <i>Pages:</i> PH1-8, PH2-1, 13, 16, 18, 25, 34, PH4-3, PHX-X1
5,862,115	EP 655,739 (DE, FR, GB)	4	<b>DVD-RW, Part 1:</b> <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, 8
6,965,555		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 2.1.6, 2.1.8.2, 2.2.1, 2.2.7.1, 2.2.7.3, 3, 3.1.1, 3.1.3, 3.4.1.1, 3.4.1.4, 4, 4.1.1 <i>Annex:</i> Y <i>Figs.:</i> 2.2.1-1, 3.1.4-1, 3.4.1.1-1, 3.4.1.4-1, 3.4.1.4-2, 3.4.1.4-3, Y-1 <i>Pages:</i> PH1-1, PH2-16, 17, 24-2, 24-3, 25, 35, 37, 39, PH3-1, 28, 36, 37, PH4-1, PHX-Y1

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JVC ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
7,102,970  (essential for 4x, 6x)		1	<p><b>DVD-RW, Part 1:</b>  <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> 2.2.1-1, 3.1.4-1, K-1, K-2  <i>Tables:</i> 3.4.1.4.1-1, 3.4.1.4.1-5  <i>Pages:</i> PH1-1, PH2-25, PH3-1, 36-3, 36-10, PH4-17, PHX-K1, K2</p> <p><b>DVD-RW, Part 1 (2x-speed):</b>  <i>Secs.:</i> 2.1.5.1, 3A.1.2, 3.1.3, 3.1.3.4  <i>Annex:</i> A  <i>Figs.:</i> 2.1.5.1-1, 3.1.3-1, 3.1.3-2  <i>Tables:</i> 3A.1.2-1, 3A.1.2-2, 3.1.3.4-1  <i>Pages:</i> OS2-5, OS3A-1, A-2, OS3-3, 4, 7, OSX-A1</p> <p><b>DVD-RW, Part 1 (4x-speed):</b>  <i>Secs.:</i> 2.1.5.1, 3.1.2, 3.1.2.4  <i>Annex:</i> A  <i>Figs.:</i> 2.1.5.1-1, 3.1.3-1, 3.1.3-2  <i>Tables:</i> 3.1.2-1, 3.1.2-2, 3.1.3.4-1  <i>Pages:</i> OS2-5, OS3-1, 3, 4, 7, OSX-A1</p> <p><b>DVD-RW, Part 1 (6x-speed):</b>  <i>Secs.:</i> 3.1.2, 3.1.2.2, 3.1.2.3, 3.1.2.4  <i>Table:</i> 3.1.2-2  <i>Pages:</i> OS3-2, 3</p>

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JVC ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
7,161,889		1	DVD-RW, Part 1: <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, 6, 8, PH2-16, 17, 25, PH3-4, 6, 9, 28 to 30, PH4-2 to 5

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MITSUBISHI ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RW Specification
4,703,494		21	<b>DVD-RW, Part 1:</b> <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, 12, 13, 16
5,537,652		8	<b>DVD-RW, Part 2:</b> <i>Secs.:</i> 1.1, 2.2, 2.3, 2.5, 2.5.1, 2.6.7, 3.2, 3.4, 3.4.1, 3.6, 3.6.1, 3.6.2, 3.7, 3.7.1, 3.7.2, 3.8, 3.10 <i>Annex:</i> D <i>Figs.:</i> 2.2-1, 2.3-1, 3.1-1 <i>Tables:</i> 2.5.1-1, 2.6.7-1, 3.2-1, 3.4.1-1, 3.6.1-1, 3.6.2-1, 3.7.1-1 <i>Pages:</i> FS1-1, FS2-2 to 4, 9, 20, 21, FS3-2 to 4, 7, 8, 10, 14, 15, 18, 19, 21, 30, 31, 33, 34, 42, FSX-D1, D2
5,561,656	KR 184,628	1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.2, 1.6, 2.1.7.1(a), 2.2.1, 2.2.3.2, 2.2.3.3, 2.2.3.8.1, 2.2.6.7, 3.3.1 <i>Annex:</i> K <i>Figs.:</i> 1.6-1, 2.2.1-1, 2.2.3.8.1-1, 2.2.4-1 <i>Pages:</i> PH1-2, 9, PH2-19, 25, 28, 29, 32, 34, PH3-17, PHX-K1, K2
6,151,292		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7 <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.7-1 <i>Pages:</i> PH3-1 to 3, 9
6,163,522		1	<b>DVD-RW, Part 1:</b> <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, 12, PH4-1 to 6, 9

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MITSUBISHI ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
6,229,784		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 4.3.2.1, 4.3.2.2, 4.3.2.2.1.1, 4.3.2.2.2.1, 4.3.2.2.3.1 <i>Fig.:</i> 4.3.2.1-1 <i>Tables:</i> 4.3.2.2.1.1-1, 4.3.2.2.2.1-1, 4.3.2.2.3.1-1 <i>Pages:</i> PH4-25, 28 to 30, 39, 40, 44, 45
6,529,451		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.6, 2.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.4.1.2.2, 3.4.1.4, 3.4.1.4.1, 4.3.2.1, 4.3.2.2, 4.3.2.2.1.1, 4.3.2.2.2.1, 4.3.2.2.3.1 <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1, 3.4.1.2-1, 3.4.1.4-1, 4.3.2.1-1 <i>Tables:</i> 3.4.1.2.2-1, 3.4.1.4-1, 4.3.2.2.1.1-1, 4.3.2.2.2.1-1, 4.3.2.2.3.1-1 <i>Pages:</i> PH1-1, 2, 11, PH2-1, PH3-1 to 3, 9, 29, 30, 32, 36-3, PH4-25, 28 to 30, 39, 40, 44, 45
6,930,965		1	<b>DVD-RW, Part 1:</b> <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, 9, 12

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PANASONIC ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RW Specification
4,728,929		8	<b>DVD-RW, Part 1:</b> <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> PH3-12, 13, 16 to 18, 20 to 27
4,939,717	CA 1,285,332; EP 265,971 (DE, FR, GB)	1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 2.2.3.2, 2.2.3.8.1, 2.2.6.7, 4.2.3.6.3 <i>Annex:</i> K.2 <i>Table:</i> 4.2.3.6.3-2 <i>Pages:</i> PH2-28, 29, 34, PH4-17, 18, PHX-K2
5,109,373		16	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.6, 2.2.3.2, 2.2.3.8.1, 2.2.6.7, 4.2.3.6, 4.2.3.6.1 <i>Figs.:</i> 2.2.3.8.1-1, 4.2.3.6-1 <i>Table:</i> 4.2.3.6.1-1 <i>Pages:</i> PH1-1, 2, 6, 8, 11, 12, PH2-28, 29, 34, PH4-14 to 16
5,185,792		2	<b>DVD-RW, Part 2:</b> <i>Secs.:</i> 1.1, 3.9, 3.9.4 <i>Tables:</i> 3.9.4-1, 3.9.4-2 <i>Pages:</i> FS1-1, FS3-36, 40  <b>DVD-RW, Part 1:</b> <i>Annex:</i> T <i>Fig.:</i> T-1 <i>Page:</i> PHX-T1
5,276,674		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.2, 2.1.1, 2.1.5.1, 2.1.6.10, 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, PH3-9, 12

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PANASONIC ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
5,291,470	EP 335,486 (DE, FR, GB, NL)	23	DVD-RW, Part 1: <i>Sec.:</i> 2.2.3.8.1 <i>Fig.:</i> 2.2.3.8.1-1 <i>Page:</i> PH2-29
5,331,620		1	DVD-RW, Part 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> PH3-2, 12, 13, 16, 17
5,546,427		1	DVD-RW, Part 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> PH3-2, 12, 13, 16
5,582,891		1	DVD-RW, Part 1: <i>Secs.:</i> 1.6, 2.2.6.4, 4.2.1 <i>Fig.:</i> 4.2.1-3 <i>Pages:</i> PH1-12, PH2-34, PH4-3 to 5
5,623,477 <sup>2</sup>		1	DVD-RW, Part 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> PH3-12, 13, 16
5,790,487	EP 686,968 (DE, FR, GB); KR 254,155	1	DVD-RW, Part 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> PH3-1 to 3, 8

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

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
6,052,465	CN ZL 96191826.8; EP 807,929 (DE, FR, GB); EP 1,005,034 (DE, FR, GB)	1	<b>DVD-RW, Part 1:</b> <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> X.2, X.3 <i>Figs.:</i> 3.4.1.1-1, X.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-16, PH3-28, 36, 36-3, 36-6, PHX-X1
6,128,388		1	<b>DVD-RW, Part 1:</b> <i>Sec.:</i> 2.1.6.5 <i>Annex:</i> X.2 to X.4 <i>Pages:</i> PH2-16, PHX-X1
6,144,742		1	<b>DVD-RW, Part 1:</b> <i>Sec.:</i> 2.1.6.5 <i>Annex:</i> X.1 to X.3, X.5.2, X.7 <i>Figs.:</i> 2.1.6-1, X.2-1, X.5-1 <i>Pages:</i> PH2-16, 18, PHX-X1 to X4
6,160,888		1	<b>DVD-RW, Part 1:</b> <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> X.2, X.3 <i>Figs.:</i> 3.4.1.1-1, X.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-16, PH3-28, 36, 36-3, 36-6, PHX-X1
6,175,629		1	<b>DVD-RW, Part 1:</b> <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> X.2, X.3 <i>Figs.:</i> 3.4.1.4.1-1, X.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-1, 16, PH3-9, 12, 28, 36, 36-3, 36-7, PH4-2, PHX-X1

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PANASONIC ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
6,208,736	EP 1,005,035 (DE, FR, GB)	1	<b>DVD-RW, Part 1:</b> <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> X.2, X.3 <i>Figs.:</i> 3.4.1.1-1, X.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-16, PH3-28, 36, 36-3, 36-6, PHX-X1
6,229,896		1	<b>DVD-RW, Part 1:</b> <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> X.2, X.3 <i>Figs.:</i> 3.4.1.1-1, X.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-16, PH3-28, 36, 36-3, 36-6, PHX-X1
6,246,663		1	<b>DVD-RW, Part 1:</b> <i>Annex:</i> V.1.1, V.1.3.11, V.1.3.12, V.2.2 <i>Figs.:</i> V.1.1-1 to V.1.1-3, V.1.3-6 to V.1.3-8, V.2.2-1 <i>Pages:</i> PHX-V1 to V3-2, V11, V12, V19 to V22, V49, V50
6,285,762		1	<b>DVD-RW, Part 1:</b> <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> X.2, X.3 <i>Figs.:</i> 3.4.1.1-1, X.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH2-16, PH3-28, 36, 36-3, 36-6, PH4-2, 9, PHX-X1

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PANASONIC ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
6,285,764		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 2.1.6.3, 2.1.6.5, 2.1.6.10, 3.2.9, 3.4.1.1, 3.4.1.4, 3.4.1.4.1, 4.1.4.1, 4.1.4.2 <i>Annex:</i> X.1 to X.4, X.5.3, X.9.3 <i>Figs.:</i> 3.4.1.1-1, 3.4.1.4-1, 4.1.4-1, X.2-1, X.5-1, X.9-1 <i>Tables:</i> 3.4.1.4.1-1, 4.1.4.1-1 <i>Pages:</i> PH1-1, PH2-16, PH3-12, 28, 36, 36-3, 36-6, PH4-2, PHX-X1, X3, X6
6,298,138		1	<b>DVD-RW, Part 1:</b> <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, 4.1.4.2 <i>Annex:</i> X.1 to X.4, X.5.3, X.9.2 <i>Figs.:</i> 3.1.4-1, 3.4.1.1-1, 3.4.1.4-1, 4.1.4-1, X.2-1, X.5-1, X.9-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, PH2-16, PH3-1, 28, 36, 36-3, 36-6, 36-7, PH4-2, PHX-X1, X3, X6
6,463,027	EP 828,249 (DE, FR, GB); HK 1,005,273; TW 104,567	1	<b>DVD-RW, Part 1:</b> <i>Sec.:</i> 2.1.4.7 <i>Annex:</i> V.1.1, V.1.3.5, V.1.3.11 to V.1.3.13, V.1.4.11 to V.1.4.13, V.1.8.5, V.2.2 <i>Figs.:</i> V.1.1-1 to V.1.3-3, V.1.3-5 to V.1.3-8, V.1.4-5 to V.1.4-8, V.2.2-1 <i>Pages:</i> PH2-10, PHX-V1 to V3-2, V7, V11 to V13, V17, V19 to V22, V31 to V33, V39 to V42, V46-3, V49, V50
6,590,846	EP 1,204,102 (DE, FR, GB)	1	<b>DVD-RW, Part 1:</b> <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, 3.4.1.4-2, 4.1.4-1 <i>Pages:</i> PH1-1, PH2-4, 32, PH3-2, 4, 5, 28 to 31, 36, 36-2, 36-3, PH4-2

## SUMMARY REPORT OF ESSENTIAL DVD-RW DISC PATENTS

PANASONIC ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
6,597,654	EP 1,204,098 (DE, FR, GB); SG 103,842	1	<b>DVD-RW, Part 1:</b> <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, 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, 3.4.1.4-2, 4.1.4-1 <i>Pages:</i> PH1-1, PH2-4, 32, PH3-2, 4, 5, 28 to 30, 36, 36-2, PH4-2
6,600,706		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.6, 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> X.1 to X.4 <i>Figs.:</i> 2.1.1-1, 3.4.1.1-1, 4.1.4-1, 4.3-1, X.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, 2, 12, PH2-1, 16, PH3-28, 36, 36-3, 36-6, PH4-2, 24, PHX-X1
6,603,732	EP 1,204,099 (DE, FR, GB); SG 101,523	1	<b>DVD-RW, Part 1:</b> <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, 3.4.1.4-2, 4.1.4-1 <i>Pages:</i> PH1-1, PH2-4, 32, PH3-2, 4, 5, 28, 29, 36, 36-2, PH4-2
6,614,749	EP 1,098,303 (DE, FR, GB); SG 79,094	1	<b>DVD-RW, Part 1:</b> <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, 3.4.1.4-2, 4.1.4-1 <i>Pages:</i> PH1-1, PH2-4, 32, PH3-2, 4, 5, 28, 29, 36, 36-2, PH4-2
6,862,685		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.6, 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> X.1 to X.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, X.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, 2, 12, PH2-1, 16, PH3-28, 36, 36-3, 36-6, PH4-2, 24, PHX-X1

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PANASONIC ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
6,885,629		1	<b>DVD RW, Part 1 :</b> <i>Secs.:</i> 1.1, 3.4.1.1, 3.4.1.2.2, 3.4.1.5 <i>Annex:</i> X.1 to X.4, X.10 <i>Figs.:</i> 3.1.4-1, 3.4.1.1-1, X.2-1 <i>Tables:</i> 3.4.1.2.2-1, X.10-2 <i>Pages:</i> PH1-1, PH3-1, 28, 30, 33, 36-7, PHX-X1, X8
6,961,301		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 1.6, 2.2.7.3, 2.2.8.1, 3.4.1.1, 3.4.1.4, 4.1.4.1 <i>Figs.:</i> 3.4.1.1-1, 3.4.1.4-1, 4.1.4-1 <i>Pages:</i> PH1-1, 6 to 8, PH2-37, 39, 41, PH3-28, 36, PH4-2
7,103,781		1	<b>DVD-RW, Part 1:</b> <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> X.1 to X.3 <i>Figs.:</i> 2.1.1-1, 3.4.1.1-1, 3.4.1.4-1, 4.1.4-1, X.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, PH2-1, PH3-28, 36, 36-3, 36-6, PH4-2, PHX-X1
7,110,544		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.6, 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> X.1 to X.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, X.2-1 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, 2, 12, PH2-1, 16, PH3-2, 3, 28, 36, 36-3, 36-6, 36-7, PH4-2, PHX-X1
7,130,840	KR 491,193	1	<b>DVD-RW, Part 2:</b> <i>Annex:</i> G.1, G.2, G.2.2, G.2.4, G.3, G.3.2, G.3.3, G.3.5 <i>Figs.:</i> G.2.2-1, G.3.2-1 <i>Tables:</i> G.2.4-1, G.3.3-1, G.3.5-1, G.3.5-2 <i>Pages:</i> FSX-G1, G4 to G6, G9, G10, G24, G26, G28 to G30, G33, G35 to G38

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PANASONIC ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
7,136,348		1	<b>DVD-RW, Part 1:</b> <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, 4.3.2.2.1.2 <i>Annex:</i> L, X.1, X.2, X.3, X.5.2, X.10 <i>Figs.:</i> 2.1.1-1, 2.1.6-1, 3.1.4-1, 4.3.1-1, X.2-1 <i>Tables:</i> 4.3.2.2.1.2-1, X.10-1 <i>Pages:</i> PH1-1, 6, 8 to 10, PH2-1, 16, 18, 32 to 34, PH3-1, PH4-24, 25, 28, PHX-L1, X1, X2, X8
RE 37,185		7, 13	<b>DVD-RW, Part 1:</b> <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
RE 37,801		6	<b>DVD-RW, Part 1:</b> <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, PH3-12, 13, 16
RE 39,771		23	<b>DVD-RW, Part 1:</b> <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, 8
RE 39,832		6	<b>DVD-RW, Part 1:</b> <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, PH3-12, 13, 16

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PANASONIC/TOSHIBA ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RW Specification
5,732,066	TW 84,703	1	<b>DVD-RW, Part 1:</b> <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, 8, 28
5,790,569	CA 2,190,985; KR 255,105; TW 89,851; VN 1,269	17	<b>DVD-RW, Part 1:</b> <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, 9, 11
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	<b>DVD-RW, Part 1:</b> <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, 8, 28

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PANASONIC/TOSHIBA ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RW 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	<b>DVD-RW, Part 1:</b> <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, 12, 13, 16, 17

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PANASONIC/TOSHIBA ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RW 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	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 1.2, 1.6, 3.1.1, 3.2.9, 3.2, 3.3 <i>Figs.:</i> 1.6-1, 3.2.9-1 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH1-1, 2, 6, 9, PH3-1, 12, 13, 16
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	<b>DVD-RW, Part 1:</b> <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, 9, 11, 12

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SAMSUNG ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RW Specification
6,389,569	PH 1-1999-00995	32	<b>DVD-RW, Part 2:</b> <i>Secs.:</i> 1.1, 1.6, 2.1, 2.2, 3.1, 3.2, 3.5.2, 3.6, 3.6.1, 3.6.2, 3.6.3, 3.8, 3.8.2, 3.9 <i>Annex:</i> A, B, C.3 <i>Fig.:</i> 3.1-1 <i>Tables:</i> 3.2-1, 3.6.1-1, 3.6.2-1, 3.6.3-1, 3.6.3-2, B.3.2-1 <i>Pages:</i> FS1-1, 13, FS2-1, 2, FS3-1 to 4, 12, 14 to 24, 34 to 36, FSX-A1, B1 to B6, C3 to C6
6,467,061	EP 1,265,240 (DE, FR, GB, NL); KR 382,639; PH 1-2002-000468	1	<b>DVD-RW, Part 2:</b> <i>Sec.:</i> 1.1, 3.1, 3.10 <i>Fig.:</i> 3.1-1 <i>Pages:</i> FS-1, FS3-1, 2, 42
6,868,054		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 3.4.1.1, 3.4.1.2.2, 3.4.1.4, 3.4.1.4.1 <i>Figs.:</i> 3.4.1.4-1, 3.4.1.4-2 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, PH3-28, 36, 36-2, 36-3, 36-9
7,042,820		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 1.6, 3.2.10, 4.3.2.1, 4.3.2.2, 4.3.2.2.3.5 <i>Figs.:</i> 3.2.10-1, 3.2.10-6, 4.3.2.1-1, 4.3.2.2.3.5-1 <i>Pages:</i> PH1-1, 8, PH3-14, 15, PH4-25, 28, 50, 51
7,088,660		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.1, 3.4.1.1, 3.4.1.2.2, 3.4.1.4, 3.4.1.4.1 <i>Figs.:</i> 3.4.1.4-1, 3.4.1.4-2 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-1, PH3-28, 36, 36-2, 36-3, 36-9

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SAMSUNG ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RW Specification
7,092,327		1	DVD-RW, Part 1: <i>Secs.:</i> 1.1, 1.6, 3.2.10, 4.3.2.1, 4.3.2.2, 4.3.2.2.3.5 <i>Figs.:</i> 3.2.10-1, 3.2.10-6, 4.3.2.1-1, 4.3.2.2.3.5-1 <i>Table:</i> 4.3.2.2.3.5-1 <i>Pages:</i> PH1-1, 8, 9, PH3-14, 15, PH4-25, 28, 50, 51

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SHARP ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RW Specification
5,870,375		1	<b>DVD-RW, Part 1:</b> <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, 7, 11, 12, PH2-25, PH3-2, 3, 12 PH4-1 to 6, PHX-N2
5,953,297		1	<b>DVD-RW, Part 1:</b> <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, 7, 11, 12, PH2-39, PH3-2, 3, 12, PH4-1 to 6, PHX-N1, N2

## SUMMARY REPORT OF ESSENTIAL DVD-RW DISC PATENTS

TOSHIBA ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-RW Specification
5,587,991	KR 191,944	1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 2.1, 3.2.9, 3.3.2 <i>Table:</i> 3.2.9-1 <i>Pages:</i> PH2-1, PH3-12, 13, 18
5,708,651		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.2, 2.1.1, 2.1.4.2, 2.1.5.1, 2.1.5.3, 2.1.5.5, 2.2.8, 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, 3.4.1.4-2 <i>Table:</i> 3.4.1.4.1-1 <i>Pages:</i> PH1-2, PH2-1, 10, 12 to 15, 32, 41, PH3-28, 36, 36-2, 36-3
5,757,764		1	<b>DVD-RW, Part 1:</b> <i>Annex:</i> V.1.1.1, V.1.1.2, V.1.1.3, V.1.1.4, V.1.1.5, V.1.2.1, V.1.3.8, V.1.3.11, V.1.3.12, V.1.4.8, V.1.4.11, V.1.4.12, V.1.4.16, V.1.5, V.1.5.2, V.1.6, V.1.6.2, V.1.7, V.1.7.2, V.2.2, V.4 <i>Figs.:</i> V.1.1-1 to V.1.1-3, V.1.3-4 to V.1.3-7, V.1.4-4 to V.1.4-7, V.4-1 <i>Pages:</i> PHX-V1 to V4, V9, V11, V12, V18 to V21, V29, V31, V32, V34, V38 to V41, V45, V46, V46-2, V49, V52
5,796,713	KR 276,488; TW 123,331	11	<b>DVD-RW, Part 1:</b> <i>Annex:</i> V.1.1.1, V.1.1.2, V.1.1.4, V.1.4.9, V.1.4.11, V.1.4.12, V.1.4.13, V.1.4.16, V.1.6.1, V.1.6.2, V.2.2, V.4 <i>Figs.:</i> V.1.1-2, V.1.1-3, V.1.4-4 to V.1.4-8, V.2.2-1, V.4-1 <i>Tables:</i> V.1.4.9-1, V.1.6.1-1 <i>Pages:</i> PHX-V1, V3, V3-2, V30 to V34, V38 to V42, V46, V49, V50, V52

## SUMMARY REPORT OF ESSENTIAL DVD-RW DISC PATENTS

TOSHIBA ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
5,831,966		1	<b>DVD-RW, Part 1:</b> <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, 28 to 31, PH4-1
5,858,498		14	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 2.1.1, 2.1.4, 2.1.5, 2.2.1, 2.2.4, 2.2.5 <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.1.5-1, 2.2.1-1, 2.2.4-1 <i>Pages:</i> PH2-1, 10 to 14, 25, 31 to 33
5,881,046		1	<b>DVD-RW, Part 1:</b> <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, 12, 13, 16 to 18, PHX-J1 to J3
5,956,306		4	<b>DVD-RW, Part 1:</b> <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 <i>Pages:</i> PH2-4, PH3-2 to 4, 9, 11, 12
5,959,962		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.6, 2.1, 2.2.1, 2.2.7.1, 2.2.7.3(b), 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, 4.2.3.6, 4.2.3.6.1, 4.2.3.6.2, 4.2.3.6.3, 4.2.3.7, 4.3.2.2, 4.3.2.2.1, 4.3.2.2.1.1, 4.3.2.2.1.2 <i>Annex:</i> K, L, T <i>Figs.:</i> 2.1.1-1, 2.2.1-1, 2.2.4.1-1, 2.2.7.1-2, 3.1.4-1, 3.4.1.1-1 <i>Tables:</i> 3.4.1.2.2-1, 3.4.1.4.1-1, 3.4.1.4.1-2 <i>Pages:</i> PH1-6, 7, 12, PH2-1, 25, 32, 35, 36, 39, PH3-1, 28 to 34, 36, 36-3 to 36-6, PH4-1 to 3, 8, 14 to 17, 21 to 23, 28 to 35, PHX-K1, K2, L1 to L3, T1

## SUMMARY REPORT OF ESSENTIAL DVD-RW DISC PATENTS

TOSHIBA ESSENTIAL DVD-RW DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-RW Specification
6,014,365	KR 276,492	1	<b>DVD-RW, Part 1:</b> <i>Annex:</i> V.1.1, V.1.2.1, V.1.3.1, V.1.3.11, V.1.3.12, V1.3.14, V.1.4.1, V.1.4.11, V.1.4.12, V1.4.14 <i>Figs.:</i> V.1.1-1 to V.1.1-3, V.1.1.3-1, V.1.3-5 to V.1.3-9, V.1.4-1, V.1.4-5 to V.1.4-9 <i>Pages:</i> PHX-V1 to V5, V11 to V13, V15, V19 to V23, V25, V31 to V33, V35, V39 to V43
RE 38,643		1	<b>DVD-RW, Part 1:</b> <i>Secs.:</i> 1.2, 1.6, 2.1, 2.1.5, 2.1.5.1, 2.1.5.3, 2.1.5.5, 2.1.6, 2.1.8, 2.2, 2.2.1, 2.2.3.2, 2.2.5.1, 2.2.6.4, 2.2.8, 3.1.1, 3.2, 3.4.1, 3.4.1.4, 4.1.1 <i>Annex:</i> C.1 <i>Figs.:</i> 2.1.5-1, 2.1.5-2, 2.2.1-1, 2.2.4.1-1, C.1-1 <i>Pages:</i> PH1-2, 12, PH2-1, 13 to 16, 24-2, 25, 28, 32 to 34, 41, PH3-1, 2, 28, 36, PH4-1, PHX-C1