

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

HITACHI ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
4,985,784		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.3, 2.5, 3.1, 5.3.1, 5.4 <i>Pages:</i> VR1-3, VR2-18, VR3-1, VR5-9, 29
6,308,003		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.4.1.1, 3.4.1.2, 3.5, 3.6, 3.6.1, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 5.3.1, 5.5.1, 5.5.1.1.1, 5.5.1.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 5.5.1-1 <i>Tables:</i> 5.5.1.2-1, C-1 <i>Pages:</i> VR1-1, 3, VR2-4, 6, 8, 12, VR3-1, 5, 10 to 13, 25, 35, 36, 43, VR4-1, 15, 23, 25, 31 to 35, VR5-9, 32 to 34, VRX-C1
7,031,597	KR 564,175	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.5.2, 3.8.3, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 5.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.5.2-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1 <i>Tables:</i> 4.2.2.2.2-1, 4.2.2.2.2-2, 4.2.2.2.2-3, 4.2.2.2.2-4, 5.2-1, C-1 <i>Pages:</i> VR1-1, VR2-10, VR3-1, 6, 32, 33, 44, VR4-1, 36, 41, 43, 45 to 48, VR5-4, VRX-C1

\* 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-Video Recording Specification
7,130,529		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4, 3.5, 3.5.1, 3.8.1, 4, 4.1, 4.1.1, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4-1, 4.1-1, 4.2-1, 4.2.3-1, 4.2.3.3-1 <i>Tables:</i> 4.1.1-1, 4.2.3.3.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, VR3-1, 5, 7, 25, 42, VR4-1 to 3, 4-2, 15, 23 to 25, 27, 29, 30, VRX-C1
7,133,595		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4, 3.5, 3.5.2, 3.8.1, 4, 4.1, 4.1.1, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4-1, 4.1-1, 4.3-1, 4.3.3-1, 4.3.3.3-1 <i>Tables:</i> 4.1.1-1, 4.3.3.3.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, VR3-1, 5, 6, 8, 25, 32, 42, VR4-1 to 3, 4-2, 36, 41, 43, 44, 44-2, VRX-C1
7,133,596		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4, 3.5, 3.5.2, 3.8.1, 4, 4.1, 4.1.1, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4-1, 4.1-1, 4.3-1, 4.3.3-1, 4.3.3.3-1 <i>Tables:</i> 4.1.1-1, 4.3.3.3.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, VR3-1, 5, 6, 8, 25, 32, 42, VR4-1 to 3, 4-2, 36, 41, 43, 44, 44-2, VRX-C1

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HITACHI ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,146,093		1	<p><b>DVD-Video Recording, Part 3:</b></p> <p><i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4, 3.5, 3.5.1, 3.8.1, 4, 4.1, 4.1.1, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.1</p> <p><i>Annex:</i> C</p> <p><i>Figs.:</i> 3.3-1, 4-1, 4.1-1, 4.2-1, 4.2.3-1, 4.2.3.3-1</p> <p><i>Tables:</i> 4.1.1-1, 4.2.3.3.1-1, C-1</p> <p><i>Pages:</i> VR1-1, VR2-9, VR3-1, 5, 7, 25, 42, VR4-1 to 3, 4-2, 15, 23 to 25, 27, 29, 30, VRX-C1</p>

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HITACHI/PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,594,442		5	<p><b>DVD-Video Recording, Part 3:</b>  <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4, 3.5, 3.5.2, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.3.5, 4.3.5.2, 4.3.5.3, 4.3.5.3.1, 5.2.2  <i>Annex:</i> C  <i>Figs.:</i> 3.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.3.5-1, 4.3.5.2-1, 4.3.5.3-1  <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.3.5.2-1, 4.3.5.3.1-1, C-1  <i>Pages:</i> VR1-1, VR2-10, VR3-1, 2, 5 to 7, 32, 42, VR4-1, 36, 41, 43, 45 to 49, 51 to 54, VR5-7, VRX-C1</p>

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JVC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
5,016,010		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.1, 5.5.1, 5.5.1.2 <i>Annex:</i> H.3 <i>Table:</i> 5.5.1.2-1 <i>Pages:</i> VR-1, 32, 34, VRX-H5 to H7
6,141,491		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.2, 3.5, 5.3, 5.3.1, 5.3.2, 5.5.1 <i>Figs.:</i> 5.3.1-1, 5.3.2-1, 5.5.1-1 <i>Tables:</i> 5.3.1-2, 5.3.2-2 <i>Pages:</i> VR1-3, VR3-25, VR5-9 to 11, 14, 32
6,490,404		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 3.5, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.2 <i>Figs.:</i> 3.3-1, 4-1, 3.4.1.2-3, 3.4.1.2-4, 4.2-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.2.3.3.4-2 <i>Tables:</i> 4.2.3.3.4.1-1, 4.2.3.3.4.2-1 <i>Pages:</i> VR1-1, VR3-5, 7, 11, 13 to 17, 5, VR4-1, 15, 23 to 25, 31 to 34
6,788,881		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 3.5, 3.6, 4, 4.2, 4.2.2, 4.2.3, 4.2.3.3, 4.2.3.3.1, 4.2.2, 5.1, 5.2, 5.2.1, 5.5.1, 5.5.1.1.1, 5.5.1.2, 5.5.2 <i>Annex:</i> I, I.1, I.2, I.3, I.4 <i>Figs.:</i> 3.3-1, 3.3-1, 3.6-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 5.2.1-1, 5.4-1, 5.5.1-1, 5.5.2-1, I.2-1, I.4-1 <i>Tables:</i> 4.2.2-1, 4.2.3.3.1-1, 5.1-1, 5.5.1.2-1, <i>Pages:</i> VR1-1, VR3-1, 5, 25, 35, VR4-1, 15, 16, 20, 21, 22, 23, 24, 25, 26, VR5-1, 4, 30, 32, 33, 34, 41, VRX-I1, I2, I3, I4

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MITSUBISHI ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
5,268,846	CA 2,061,128; EP 508,925 (DE, FR, GB, IT)	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.4.1.2, 3.4.1.5, 3.5, 3.5.1, 3.6, 4.2.3.4, 4.2.3.3.4.2, 4.5, 4.5.3, 4.5.4.1, 4.8, 4.8.3, 4.8.4.1, 5.1, 5.2.1, 5.3.5, 5.5.4.1, 5.5.4.2 <i>Figs.:</i> 3.4.1.1-1, 3.4.1.2-1, 3.4.1.5-1, 3.6-1, 4.5-1, 4.8-1, 5.2.1-1 <i>Tables:</i> 3.6-1, 5.1-1 <i>Pages:</i> VR1-1, VR3-5, 7, 9, 10, 12, 22, 25, 35, VR4-31, 32, 34, 56, 57, 64, 68, 69, VR5-1, 4, 28, 74, 77, 78
5,309,290		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 5.1, 5.5.1, 5.5.2 <i>Tables:</i> 5.1-2, 5.5.2.3-1 <i>Pages:</i> VR1-1, 3, VR3-1, VR5-1, 32, 41, 45
5,434,716		11	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 5.1, 5.5.1, 5.5.2 <i>Tables:</i> 5.1-2, 5.5.2.3-1 <i>Pages:</i> VR1-1, 3, VR3-1, VR5-1, 32, 41, 45
5,488,418	SG 65,702	1	<b>DVD-Video Recording, Part 3:</b> <i>Sec.:</i> 5.3.1 <i>Figs.:</i> 5.3.1-1, 5.3.1-2 <i>Tables:</i> 5.3.1-1, 5.3.1-2 <i>Pages:</i> VR5-9, 10
5,488,482	EP 554,086 (DE, FR, GB, NL); EP 1,137,280 (DE, FR, GB, NL)	6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.2.1, 5.2.3 <i>Pages:</i> VR5-4, 9
5,734,430		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 5.1, 5.3.1 <i>Fig.:</i> 5.3.1-2 <i>Table:</i> 5.3.1-1 <i>Pages:</i> VR1-1, 3, VI5-1 to 3, 9, 10

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MITSUBISHI ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
5,793,432		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 5.1, 5.3, 5.3.1, 5.3.2, 5.5.1, 5.5.1.2 <i>Figs.:</i> 5.3.1-1, 5.3.1-2, 5.5.1-1 <i>Tables:</i> 5.3.1-1, 5.3.1-2, 5.5.1.2-1 <i>Pages:</i> VR1-1, 3, VR2-12, VR5-1 to 3, 9 to 11, 32, 34
5,889,921		1, 23	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.8.1, 5.1, 5.5.1, 5.5.2 <i>Tables:</i> 5.1-2, 5.5.2.3-1 <i>Pages:</i> VR1-1, 3, VR3-1, 42, VR5-1, 32, 41, 45
5,892,884		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 5.1, 5.5.1, 5.5.2 <i>Tables:</i> 5.1-2, 5.5.2.3-1 <i>Pages:</i> VR1-1, 3, VR3-1, VR5-1, 32, 41, 45
(6,539,164) <sup>1</sup>	DE 19,539,400; GB 2,294,173	15	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.2, 3.4, 3.4.1.5, 4.1.2, 4.1.2.2, 4.2.3.3.1, 4.2.3.3.4, 4.2.3.3.4.2, 4.8, 4.8.4.1, 4.8.4.1.1, 5.2.1, 5.4, 5.5.1, 5.5.1.1, 5.5.1.1.1, 5.5.1.2, 5.5.1.2.1 <i>Annex:</i> D.1, D.1.3 <i>Figs.:</i> 3.2-1, 3.4.1.5-1, 3.4.1.5-2, 4.1.2-1, 4.8-1, 5.4-1 <i>Tables:</i> 4.1.2.2-1, 4.2.3.3.4.2-1, 4.8.4.1.1-1, 5.2.1-1, C-1, D.1-1 <i>Pages:</i> VR1-1, 3, VR2-7, 12, VR3-4, 7, 8, 22 to 24, VR4-10, 11, 28, 31, 34, 64, 65, 69, 70, VR5-4, 5, 29, 30, 32 to 37, VRX-1, C2, D1, D2
	EP 558,306 (DE, GB)	EP claim 1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.3, 3.5, 3.5.1, 3.5.1.1, 3.5.2, 3.5.2.1 <i>Fig.:</i> 3.5.2-1 <i>Tables:</i> 3.5.1.1-1, 3.5.2.1-1 <i>Pages:</i> VR1-1, 3, VR2-6, 10, VR3-5, 6, 25, 26, 32 to 34

<sup>1</sup> U.S. Patent No. 6,539,164 is essential for DVD-VR for disc and playback, but its non-U.S. counterparts (DE 19,539,400 and GB 2,294,173) have claims directed to disc, playback, and recording.

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,078,727	CA 2,247,603; CN ZL 98801363.0; CN ZL 02127530.0; EP 903,738 (DE, FR, GB, IT); MX 220,765; MY 117,040; SG 65,186; TW 133,959	11	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 3.4.1.2, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3 <i>Figs.:</i> 3.4.1.2-2, 3.4.1.2-3, 4.2.3.3.4-1, 4.2.3.3.4-2 <i>Table:</i> 4.2.3.3.4.2-1 <i>Pages:</i> VR3-13, 14, VR4-31, 32, 34, 35
6,118,924	CN ZL 98801741.5; EP 905,699 (DE, FR, GB, IT)	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.5, 3.6.2, 3.6.3, 3.8.1, 4, 5.2.1, 5.3.1, 5.3.2 <i>Annex:</i> D, G, G.1, L <i>Figs.:</i> 3.2-1, 3.3-1, 3.6.2-1, 4-1, 5.2.1-1, 5.3.1-1 <i>Pages:</i> VR1-1, VR2-9, VR3-1, 3 to 5, 25, 37, 39, 42, VR4-1, VR5-4, 5, 9, 11, VRX-D1 to D5, G1 to G4, L1
6,122,436	CA 2,268,409; EP 949,825 (DE, FR, GB, IT); ID 7,994; MX 204,804; MY 115,484; TW 136,031	8	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.5.1.2.1, 3.5.2, 5.2.2, 5.3.1, 5.3.2, 5.5.1, 5.5.1.3, 5.5.2 <i>Figs.:</i> 3.5.1.2.1-1, 3.5.2-1, 5.3.1-1 <i>Pages:</i> VR1-1, VR3-27, 28, 32, 33, VR5-8, 9, 11, 32, 37, 41

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,148,140		10	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4.1.2, 3.5.1, 3.5.1.1, 3.5.1.2.2, 4.2.3.3, 4.2.3.3.1, 4.2.3.3.3, 5.2.1, 5.3.1, 5.4 <i>Annex:</i> H, H.3 <i>Figures:</i> 3.3-1, 3.4.1.2-1, 3.4.1.2-4, 3.5.1.2.2-1, 4.2.3.3-1, 5.2.1-1, 5.3.1-2, 5.4-2, H.3-4, H.3-5 <i>Tables:</i> 3.5.1.1-1, 4.2.3.3.1-1, 4.2.3.3.3-1, 5.4-1 <i>Pages:</i> VR1-1, VR3-5, 10 to 12, 15, 16, 25, 26, 29 to 31, VR4-24, 25, 27, 30-2, VR5-4, 9, 10, 29, 30, VRX-H1 to H10
6,173,113	EP 930,782 (DE, FR, GB)	4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 3.3, 3.5, 3.5.1, 4, 4.2.3.3.3, 5.5.2.1 <i>Annex:</i> A.2 <i>Figs.:</i> 3.3-1, 3.5.1.2.1-1, H.3-5 <i>Table:</i> A.1-3 <i>Pages:</i> VR3-5, 25, 28, VR4-1, 30-2, VR5-42, VRX-A1, A2, H8
6,181,870	EP 903,744 (DE, FR, GB, IT); ID 9,103; SG 65,427; TW 132,734	6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.5, 3.5.1, 3.8.1, 4, 4.4, 4.5, 4.8, 4.8.4.1, 5.2.1 <i>Annex:</i> D, H.1, H.2 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.4-1, 4.5-1, 4.8-1, 5.2.1-1, H.1-3, H.2-1 <i>Table:</i> 4.8.4.1.1-1 <i>Pages:</i> VR1-1, VR3-1, 5, 7, 9, 10, 22 to 25, 42, VR4-1, 55, 56, 64, 69, 70, VR5-4, VRX-D1 to D5, H1 to H4
6,229,955		9	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 3.4.1.2, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3 <i>Figs.:</i> 3.4.1.2-2, 3.4.1.2-3, 4.2.3.3.4-1, 4.2.3.3.4-2 <i>Table:</i> 4.2.3.3.4.2-1 <i>Pages:</i> VR3-13, 14, VR4-31, 32, 34, 35

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,253,026		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 3.4.1.2, 3.6, 3.6.1, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.1, 4.2.3.3.4.2, 4.2.3.3.4.3, 5.2.1, 5.5.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.2.3.3.4-2, 5.2.1-1, 5.5.1-1 <i>Tables:</i> 4.2.3.3.4.1-1, 4.2.3.3.4.2-1, 5.2-1, C-1 <i>Pages:</i> VR1-1, VR3-1, 5, 13, 35, 36, 42, VR4-1, 15, 23 to 25, 31 to 35, VR5-4, 32, VRX-C1
6,263,155		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 3.4.1.2, 3.6, 3.6.1, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 5.2.1, 5.5.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 5.2.1-1, 5.5.1-1 <i>Tables:</i> 4.2.3.3.4.2-1, 5.2-1, C-1, D.1-1 <i>Pages:</i> VR1-1, VR3-1, 5, 13, 35, 36, 42, VR4-1, 15, 23 to 25, 31, 32, 34, 35, VR5-4, 32, VRX-C1
6,266,483	CN ZL 99801800.7; EP 994,480 (DE, FR, GB, IT, NL); MX 221,971; MY 124,352	5	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.4, 3.4.1.1, 3.4.1.2, 3.4.1.3, 3.4.1.4, 3.5, 4.2.3.3, 4.2.3.3.1, 4.2.3.3.2, 4.2.3.3.3, 4.2.3.3.4, 4.2.3.3.4.1, 4.2.3.3.4.2, 4.2.3.3.4.3, 4.3.3.2, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2, 4.8, 4.8.4.1, 4.8.4.2, 5.2.1, 5.2.2 <i>Figs.:</i> 3.4.1.3-1, 3.4.1.4-1 <i>Tables:</i> 4.2.3.3.1-1, 4.3.3.2-1, 4.3.3.3.1-1 <i>Pages:</i> VR1-1, VR3-7 to 10, 18, 19, 21, 25, VR4-24 to 35, 42 to 50, 64, 69, 73, VR5-4, 7

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,272,286	CN ZL 00812494.9; MX 225,190; MY 122,722; TW 179,423	10	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.2, 3.8.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <i>Annex:</i> K.1 <i>Figs.:</i> 5.2.1-1, 5.2.2-1, 5.3.5-1 <i>Tables:</i> 5.2.1-1, 5.3.5-1, 5.5.4-1, 5.5.4.2-1 <i>Pages:</i> VR1-1, 3, VR3-1, 3, 42, VR5-1 to 7, 28, 74, 77, 78, VRX-K1
6,278,839		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.8.2, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.4, 5.5.4, 5.5.4.2 <i>Figs.:</i> 5.2.1-1, 5.2.2-1, 5.3.5-1, 5.4-1 <i>Tables:</i> 5.2.1-1, 5.3.5-1, 5.4-1, 5.5.4-1, 5.5.4.2-1 <i>Pages:</i> VR-1, VR3-1, 43, VR5-1 to 7, 28 to 30, 74, 77, 78
6,285,826	CN ZL 00805570.X	3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 3.4, 4, 4.1, 4.1.2, 4.1.2.2, 4.5, 4.5.3, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.2, 4.8.4.2.1, 5.1, 5.2 <i>Figs.:</i> 3.3-1, 4-1, 4.1-1, 4.1.2-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 4.8.4.2-1 <i>Tables:</i> 4.1.2.2-1, 4.8.4.1.1-1, 4.8.4.2.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR3-1, 5 to 7, VR4-1, 2, 10 to 12, 56, 57, 64, 68 to 70, 73, 74, VR5-1, 4
6,285,827	EP 1,020,861 (DE, FR, GB, IT)	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.5, 3.6, 3.6.2, 3.6.3, 3.6.5, 3.8.1, 5.2.1, 5.2.2 <i>Annex:</i> G, G.1 <i>Figs.:</i> 5.2.1-1, 5.2.2-1 <i>Pages:</i> VR1-1, VR3-25, 35, 37, 39, 42, VR5-4, 7, VRX-G1, G3
6,330,392	EP 903,743 (DE, FR, GB, IT); SG 65,396; TW 118,999	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.6.1, 3.6.2 <i>Annex:</i> G.1, H.2, H.3 <i>Figs.:</i> 3.6.2-1, H.3-6 <i>Pages:</i> VR1-1, VR3-36, 37, VRX-G3, H4, H5, H8, H9

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,347,187		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 3.4.1.1, 3.6, 3.6.1, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.2.1, 5.5.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.6-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.2.3.3.4-2, 4.8-1, 4.8.4-1, 4.8.4.1-1, 5.2.1-1, 5.5.1-1 <i>Tables:</i> 4.2.3.3.4.2-1, 4.8.4.1.1-1 <i>Pages:</i> VR1-1, VR3-1, 5, 9, 35, 36, VR4-31 to 35, 64, 68 to 70, VR5-4, 32
6,353,704	EP 1,020,860 (DE, FR, GB, IT)	4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.5, 3.6, 3.6.2, 3.6.5, 3.8.1, 5.2.1, 5.2.2 <i>Annex:</i> G, G.1 <i>Figs.:</i> 5.2.1-1, 5.2.2-1, G-1 <i>Pages:</i> VR1-1, VR3-25, 35, 37, 39, 42, VR5-4, 7, VRX-G1 to G4
6,370,321		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.2, 3.8.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <i>Annex:</i> K.1 <i>Figs.:</i> 5.2.1-1, 5.2.2-1, 5.3.5-1 <i>Tables:</i> 5.3.5-1, 5.5.4-1, 5.5.4.2-1 <i>Pages:</i> VR1-1, 3, VR3-1, 3, 42, VR5-1 to 7, 28, 74, 77 to 79, VRX-K1
6,370,325	MX 221,608; SG 65,426	3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.5, 3.6, 3.6.2, 3.6.5, 3.8.1, 5.2.1, 5.2.2 <i>Annex:</i> G, G.1 <i>Figs.:</i> 5.2.1-1, 5.2.2-1, G-1 <i>Pages:</i> VR1-1, VR3-25, 35, 37, 39, 42, VR5-4, 7, VRX-G1 to G4
6,374,037		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.5, 4.2.2, 4.2.3.3, 4.2.3.3.1, 5.1 <i>Annex:</i> I.1, I.2, I.4 <i>Figs.:</i> 3.3-1, 4.2.3.3-1, I.2-1, I.4-1 <i>Tables:</i> 4.2.2-1, 4.2.3.3.1-1, 5.1-1, 5.1-2 <i>Pages:</i> VR1-1, VR3-5, 7, 25, VR4-16 to 22, 24 to 26, 28, VR5-1, VRX-I1, I2, I4

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,374,041		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.2, 3.8.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <i>Annex:</i> K.1 <i>Figs.:</i> 5.2.1-1, 5.2.2-1, 5.3.5-1 <i>Tables:</i> 5.2.1-1, 5.3.5-1, 5.5.4-1, 5.5.4.2-1 <i>Pages:</i> VR1-1, 3, VR3-1, 3, 42, VR5-1 to 7, 28, 74, 77, 78, VRX-K1
6,374,042		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.2, 3.8.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <i>Annex:</i> K.1 <i>Figs.:</i> 5.2.1-1, 5.2.2-1, 5.3.5-1 <i>Tables:</i> 5.2.1-1, 5.3.5-1, 5.5.4-1, 5.5.4.2-1 <i>Pages:</i> VR1-1, 3, VR3-1, 3, 42, VR5-1 to 7, 28, 74, 77, 78, VRX-K1
6,377,747	CN ZL 00805946.2; EP 1,041,569 (DE, FR, GB, IT, NL); MY 123,376	3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.1, 4.2, 4.2.2 <i>Figs.:</i> 3.3-1, 4-1, 4.1-1, 4.2-1 <i>Table:</i> 4.2.2-1 <i>Pages:</i> VR1-1, VR2-6, 7, 9, 12, VR3-5, 42, VR4-1, 2, 15, 16, 18, 19
6,385,394		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.4, 3.4.1.2, 3.4.1.3, 3.4.1.4, 3.5, 4.2.3.3, 4.2.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.3.3.1, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.2, 4.8.4.2.1, 5.2.1, 5.2.2 <i>Figs.:</i> 3.4.1.4-1, 4.8.4-1, 4.8.4.1-1, 4.8.4.2-1 <i>Tables:</i> 4.2.3.3.1-1, 4.3.3.2-1, 4.3.3.3.1-1, 4.8.4.1.1-1, 4.8.4.2.1-1 <i>Pages:</i> VR1-1, VR2-4, 10, 12, VR3-7, 8, 10, 18, 19, 21, 25, VR4-24, 25, 28, 29, 42 to 44, 64, 68 to 70, 73, 74, VR5-4, 7

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,393,206	MX 209,290; SG 67,113; TW 139,268	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.3, 3.4.1.2, 3.5, 3.5.1, 3.6.2, 3.8.1, 4, 4.2.2, 4.2.3.3, 4.2.3.3.1, 5.1, 5.2, 5.2.1, 5.3, 5.3.1, 5.3.3, 5.5.2 <i>Annex:</i> I.1, I.3 <i>Figs.:</i> 3.6.2-1, 5.2.1-1, 5.3.1-1, 5.3.3-1, 5.4-1, I.4-1 <i>Tables:</i> 4.2.3.3.1-1, 5.1-1, 5.1-2, 5.1-3, 5.1-4, 5.2-1 <i>Pages:</i> VR1-1, 3, VR2-4, 13, VR3-1, 5, 10, 25, 37, 42, VR4-1, 16 to 22, 24 to 26, VR5-1, 3, 4, 9, 16, 17, 30, 41, VRX-I1, I3
6,400,893		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 3.4, 4, 4.1, 4.1.2, 4.1.2.2, 4.5, 4.5.3, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.2, 4.8.4.2.1, 5.1, 5.2 <i>Figs.:</i> 3.3-1, 4-1, 4.1-1, 4.1.2-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 4.8.4.2-1 <i>Tables:</i> 4.1.2.2-1, 4.8.4.1.1-1, 4.8.4.2.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR3-1, 5 to 7, VR4-1, 2, 10 to 13, 56, 57, 64, 68 to 70, 73, 74, VR5-1, 4
6,404,980		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.3, 3.4.1.2, 3.5, 3.5.1, 3.6.2, 3.8.1, 4, 4.2.2, 4.2.3.3, 4.2.3.3.1, 5.1, 5.2, 5.2.1, 5.3, 5.3.1, 5.3.3, 5.5.2 <i>Annex:</i> I.1, I.3 <i>Figs.:</i> 3.6.2-1, 5.2.1-1, 5.3.1-1, 5.3.3-1, 5.4-1 <i>Tables:</i> 4.2.3.3.1-1, 5.1-2, 5.1-3, 5.1-4, 5.2-1 <i>Pages:</i> VR1-1, 3, VR2-4, VR3-1, 5, 10, 25, 37, 42, VR4-1, 16 to 22, 24 to 26, VR5-1, 3, 4, 9, 16, 17, 30, 41, VRX-I1, I3

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,442,337		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.4, 3.4.1.1, 3.4.1.2, 3.4.1.3, 3.4.1.4, 3.4.1.5, 3.5, 4.2.3.3, 4.2.3.3.1, 4.2.3.3.2, 4.2.3.3.3, 4.2.3.3.4, 4.3.3.2, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.2, 4.8.4.2.1, 5.2.1, 5.2.2 <i>Figs.:</i> 3.4.1.4-1, 4.8.4-1, 4.8.4.1-1, 4.8.4.2-1 <i>Tables:</i> 4.3.3.2-1, 4.8.4.1.1-1, 4.8.4.2.1-1 <i>Pages:</i> VR1-1, VR2-4, 7, 8, 10 to 12, VR3-7 to 10, 18, 19, 21, 22, 25, VR4-24 to 35, 42 to 50, 64, 68 to 70, 73, 74, VR5-4, 7
6,456,780		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 2.5, 3.1, 3.3, 3.4.1.2, 3.5, 3.5.1, 3.6.2, 3.8.1, 4, 4.2, 4.2.2, 4.2.3, 4.2.3.3, 4.2.3.3.1, 5.1, 5.2, 5.2.1, 5.3, 5.3.1, 5.3.3, 5.5.2 <i>Annex:</i> I.1, I.3, I.4 <i>Figs.:</i> 3.6.2-1, 5.2.1-1, 5.3.1-1, 5.3.3-1, 5.4-1, I.4-1 <i>Tables:</i> 4.2.3.3.1-1, 5.1-1, 5.1-2, 5.1-3, 5.1-4, 5.2-1 <i>Pages:</i> VR1-1, 3, VR2-4, 13, VR3-1, 5, 10, 25, 37, 42, VR4-1, 15 to 26, VR5-1, 3, 4, 9, 16, 17, 30, 41, VRX-I1, I3, I4
6,470,140	CN ZL 00804540.2; TW 162,049	15	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.3, 3.4.1.5, 3.8.3, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.5, 4.8, 4.8.4, 4.8.4.2, 4.8.4.2.1, 4.8.4.2.2, 5.2.2, 5.3.2 <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 3.4.1.5-3, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1, 5.2.2-1, 5.3.2-1 <i>Tables:</i> 4.3.3.3.2-1, 4.8.4.2.1-1, 4.8.4.2.2-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-1, 3, 5 to 7, 18, 24, 44, VR4-1, 36, 41, 43, 45, 56, 64, 68, 73 to 75, VR5-7, 11
6,477,320	EP 1,067,789 (DE, FR, GB, IT, NL)	4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.2, 3.8.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <i>Annex:</i> K.1 <i>Figs.:</i> 5.2.1-1, 5.2.2-1, 5.3.5-1 <i>Tables:</i> 5.2.1-1, 5.3.5-1, 5.5.4-1, 5.5.4.2-1 <i>Pages:</i> VR1-1, 3, VR3-1, 3, 42, VR5-1 to 7, 28, 74, 77, 78, VRX-K1

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,480,828		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.5, 4.2.2, 4.2.3.3, 4.2.3.3.1, 5.1 <i>Annex:</i> I.1, I.2, I.4 <i>Figs.:</i> 3.3-1, 4.2.3.3-1, I.2-1, I.4-1 <i>Tables:</i> 4.2.3.3.1-1, 5.1-1, 5.1-2 <i>Pages:</i> VR1-1, VR3-5, 7, 25, VR4-20, 22, 24 to 26, 28, VR5-1, VRX-I1, I2, I4
6,493,505		5	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.5, 3.5.1, 4.1, 4.1.2, 4.1.2.2, 4.4, 4.8, 4.8.4.1, 5.2.1 <i>Figs.:</i> 3.4.1.1-1, 3.4.1.5-1, 4.8-1, 5.2.1-1 <i>Table:</i> 4.8.4.1.1-1 <i>Pages:</i> VR1-1, VR2-7, VR3-5, 7 to 10, 22, 25, VR4-2, 10 to 12, 55, 64, 69, 70, VR5-4
6,519,410	CN ZL 00804628.X; MX 232,516; MY 125,100; TW 199,765	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.3, 3.4, 4, 4.1.2.2, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.1, 5.2.1 <i>Annex:</i> H.1, H.2 <i>Figs.:</i> 3.3-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 5.2.1-1 <i>Tables:</i> 4.2.3.3.1-1, 5.2.1-1 <i>Pages:</i> VR1-1, 3, VR3-1, 5, 7, VR4-1, 12, 15, 23 to 25, 27, 28, VR5-4, 5, VRX-H1 to H4
6,526,222		18	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.3, 3.4.1.5, 3.8.2, 3.8.3, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.2, 4.2.3.3.4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2, 4.8.4.2, 4.8.4.2.1, 4.8.4.2.2, 5.2.1, 5.2.2 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.3-1, 3.4.1.5-1, 3.4.1.5-3, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 4.8.4.2-1, 5.2.1-1, 5.2.2-1 <i>Tables:</i> 4.8.4.1.1-1, 4.8.4.1.2-1, 4.8.4.2.1-1, 4.8.4.2.2-1 <i>Pages:</i> VR1-1, VR2-5, VR3-1, 3, 5 to 7, 9, 18, 22, 24, 43, 44, VR4-1, 15, 23 to 25, 31, 36, 41, 43, 45, 64, 68 to 71, 73 to 75, VR5-4, 7

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,529,682		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.5, 4.2, 4.2.1, 4.2.2, 4.2.3.3, 4.2.3.3.1, 5.1 <i>Annex:</i> I.1, I.2, I.4 <i>Figs.:</i> 3.3-1, 4.2-1, 4.2.3.3-1, I.2-1, I.4-1 <i>Tables:</i> 4.2.2-1, 4.2.3.3.1-1, 5.1-1, 5.1-2 <i>Pages:</i> VR1-1, VR3-5, 7, 25, VR4-15, 16, 18, 20 to 22, 24 to 26, 28, VR5-1, VRX-I1, I2, I4
6,591,059		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.3, 3.8.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <i>Annex:</i> K <i>Figs.:</i> 5.2.1-1, 5.2.2-1, 5.3.5-1 <i>Tables:</i> 5.3.5-1, 5.5.4-1, 5.5.4.2-1 <i>Pages:</i> VR1-1, 3, VR3-1, 3, 5, 42, VR5-1 to 7, 28, 74, 77, 79, VRX-K1
6,611,655		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.1, 4, 4.1, 4.2, 4.2.2 <i>Figs.:</i> 3.3-1, 4-1, 4.1-1, 4.2-1 <i>Table:</i> 4.2.2-1 <i>Pages:</i> VR1-1, VR2-6, 7, 9, 12, VR3-5, 42, VR4-1, 2, 15, 16, 18, 19
6,665,491		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.5, 4.2, 4.2.1, 4.2.2, 4.2.3.3, 4.2.3.3.1, 5.1, I.1, I.2, I.4 <i>Tables:</i> 4.2.2-1, 4.2.3.3.1-1, 5.1-1, 5.1-2 <i>Figs.:</i> 3.3-1, 4.2-1, 4.2.3.3-1, I.2-1, I.4-1 <i>Pages:</i> VR1-1, VR3-5, 7, 25, VR4-15, 16, 18, 20 to 22, 24 to 26, 28, VR5-1, VRX-I1, I2, I4
6,760,539		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.2, 3.3, 3.8.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.5.4.2 <i>Annex:</i> K <i>Figs.:</i> 5.2.1-1, 5.2.2-1 <i>Table:</i> 5.2.1-1 <i>Pages:</i> VR1-1, 3, VR3-1, 3, 5, 42, VR5-1 to 7, 77, 79, VRX-K1

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,978,084		5	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.6, 3.6.1 <i>Annex:</i> G, G.1 <i>Figs.:</i> 3.6-1, G-1 <i>Pages:</i> VR1-1, VR3-1, 35, 36, VRX-G1 to G4
7,039,297		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.6, 3.6.1 <i>Annex:</i> G, G.1 <i>Figs.:</i> 3.6-1, G-1 <i>Pages:</i> VR1-1, VR3-1, 35, 36, VRX-G1 to G4
7,079,757		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 4.4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.2, 5.2.1, 5.5.1 <i>Tables:</i> 4.2.3.3.4.2-1, 4.8.4.1.1-1 <i>Figs.:</i> 3.4.1.1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 5.2.1-1, 5.5.1-1 <i>Pages:</i> VR1-1, 3, VR3-1, 5, 6, 8, 9, 11, VR4-1, 15, 23, 24, 25, 31, 32, 34, 35, 55, 64, 68, 69, 70, VR5-4, 32
7,085,478		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.3, 3.4, 3.4.1.2, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 5.2, 5.2.1, 5.5.1 <i>Figs.:</i> 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 5.2.1-1, 5.5.1-1 <i>Table:</i> 4.2.3.3.4.2-1 <i>Pages:</i> VR1-1, 3, VR3-1, 5, 6, 8, 11, VR4-1, 15, 23, 24, 25, 31, 32, 34, 35, VR5-4, 32

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,088,912		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.3, 3.4, 3.4.1.2, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.1, 4.2.3.3.4.2, 4.2.3.3.4.3, 5.2, 5.2.1, 5.5.1 <i>Figs.:</i> 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 5.2.1-1, 5.5.1-1 <i>Table:</i> 4.2.3.3.4.1-1 <i>Pages:</i> VR1-1, 3, VR3-1, 5, 6, 8, 11, 15, 16, VR4-1, 15, 23, 24, 25, 31, 32, 33, 34, 35, VR5-4, 32
7,103,262		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.5, 3.6, 3.6.2, 3.6.5, 3.8.1 <i>Annex:</i> G, G.1 <i>Fig.:</i> G-1 <i>Pages:</i> VR1-1, VR3-25, 35, 37, 39, 42, VRX-G1 to G4
7,130,531		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.3, 3.4, 3.4.1.2, 3.5.2, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 5.2, 5.2.1, 5.5.1 <i>Figs.:</i> 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 5.2.1-1, 5.5.1-1 <i>Table:</i> 4.2.3.3.4.2-1 <i>Pages:</i> VR1-1, 3, VR3-1, 5, 6, 8, 11, 32, VR4-1, 15, 23, 24, 25, 31, 32, 34, 35, VR5-4, 32
7,149,414		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.4.1.2, 3.5, 3.5.1, 3.8.1, 4, 4.2.2, 4.2.3.3, 4.2.3.3.1, 5.1, 5.2, 5.2.1, 5.3.1, 5.3.3, 5.5.2 <i>Annex:</i> I, I.1, I.3 <i>Figs.:</i> 5.2.1-1, 5.3.1-1, 5.3.3-1 <i>Tables:</i> 4.2.3.3.1-1, 5.1-1, 5.1-2, 5.1-3, 5.1-4, 5.2-1 <i>Pages:</i> VR1-1, 3, VR2-4, VR3-1, 10, 25, 42, VR4-1, 16 to 22, 24 to 26, VR5-1, 3, 4, 9, 16, 41, VRXI1 to I4

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PANASONIC ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,155,113		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.2, 3.3, 3.8.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <i>Annex:</i> K <i>Figs.:</i> 5.2.1-1, 5.2.2-1, 5.3.5-1 <i>Tables:</i> 5.2.1-1, 5.3.5-1, 5.5.4-1, 5.5.4.2-1 <i>Pages:</i> VR1-1, 3, VR3-1, 3, 5, 42, VR5-1 to 7, 28, 74, 77, 79, VRX-K1
7,158,715		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.2, 3.3, 3.8.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.5.4, 5.5.4.2 <i>Annex:</i> K <i>Figs.:</i> 5.2.1-1, 5.2.2-1 <i>Tables:</i> 5.2.1-1, 5.5.4-1, 5.5.4.2-1 <i>Pages:</i> VR1-1, 3, VR3-1, 3, 5, 42, VR5-1 to 7, 74, 77, 79, VRX-K1
7,209,643		11	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4, 3.5, 3.5.1, 3.5.1.2.1, 3.8.1, 4, 4.1, 4.1.1, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.5.1.2.1-1, 4-1, 4.1-1, 4.2-1, 4.2.3-1, 4.2.3.3-1 <i>Tables:</i> 4.1.1-1, 4.2.3.3.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, VR3-1, 5, 7, 25, 28, 42, VR4-1 to 3, 4-2, 15, 23 to 25, 27, 29, 30, VRX-C1

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SAMSUNG ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,674,957	CN ZL 03132670.6; KR 338,737; PH 1-2002-000691; TW 137,666	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 3.8.1, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2, 4.8, 5.2.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 5.2.2-1 <i>Tables:</i> 4.3.3.3.1-1, 4.3.3.3.2-1 to 4.3.3.3.2-4, C-1 <i>Pages:</i> VR1-1, VR2-9, 10, VR3-5, 6, 18, 19, 42, VR4-36, 41, 43 to 48, 73, VR5-7, VRX-C1
6,721,493	CN ZL 01110802.9; CN ZL 99110946.5; HK 1,038,431	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 3.8.3, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2, 4.8.4.2, 4.8.4.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4.3.3.3-1 <i>Tables:</i> 4.3.3.3.1-1, 4.3.3.3.2-1 to 4.3.3.3.2-4 <i>Pages:</i> VR1-1, VR2-2, 9, 10, VR3-1, 5, 6, 18, 43 to 48, 73, 74
6,728,474	CN ZL 01108993.8; CN ZL 01110806.1; CN ZL 99110947.3; HK 1,022,981; HK 1,039,208; IN 198,567; KR 389,854	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 3.4.1.5, 3.5.2, 3.8.1, 4.3.2, 4.3.3, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2, 4.3.5, 4.3.5.1, 4.3.5.2, 4.3.5.3, 4.3.5.3.1, 5.2.2 <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 3.4.1.3-2, 3.4.1.5-3, 3.5.2-1, 4.3.3-1, 4.3.3.3-1, 4.3.5-1, 4.3.5.3-1, 5.2.2-1 <i>Tables:</i> 4.3.2-1, 4.3.3.3.1-1, 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.3.5.1-1, 4.3.5.2-1, 4.3.5.3.1-1, 4.3.5.3.2-1 <i>Pages:</i> VR1-1, VR2-9, 10, VR3-5, 6, 18, 20, 24, 32, 33, 42, VR4-38, 41, 43-49, 51-54, VR5-7
6,771,890	PH 1-2002-000551; RU 2,183,360; TW 169,510	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.4.1.3, 4.1.3, 4.3, 4.3.3, 4.3.3.3.2, 4.3.5, 4.3.5.3, 4.3.5.3.1, 4.3.5.3.2 <i>Figs.:</i> 3.4.1.3-2, 4.3.5-1, 4.3.5.3-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.3.5.3.1-1, 4.3.5.3.2-1 <i>Pages:</i> VR1-1, VR3-5, 9, 10, 18 to 20, VR4-36, 41, 46 to 48, 51, 53, 54

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SAMSUNG ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,771,891	SG 80,091; TW 148,302	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 4.2, 4.2.3.3, 5.2.2 <i>Annex:</i> I.1, I.2 <i>Figs.:</i> 3.3-1, 4.2-1, 4.2.3.3-1, 5.2.2-1, I.2-1 <i>Table:</i> 4.2.3.3-1 <i>Pages:</i> VR1-1, VR2-4, VR3-5, VR4-15, 24, 26, VR5-7, VRX-I1 to I3
6,775,465	CN ZL 02140962.5; CN ZL 02140963.3; CN ZL 02140964.1; HK 1,050,420; KR 657,241	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 4.2, 4.2.3.3, 4.2.3.3.1, 5.2.2 <i>Annex:</i> I.1, I.2 <i>Figs.:</i> 3.3-1, 4.2-1, 4.2.3.3-1, 5.2.2-1, I.2-1 <i>Table:</i> 4.2.3.3-1 <i>Pages:</i> VR1-1, VR2-4, VR3-5, VR4-15, 24, 26, VR5-7, VRX-I1 to I3
6,778,755	IN 202,538; RU 2,181,219	22	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4.1.3, 4.3.3.3, 4.3.3.3.2, 4.3.5, 4.3.5.3, 4.3.5.3.1, 4.3.5.3.2 <i>Annex:</i> C <i>Figs.:</i> 3.4.1.3-2, 4.3.3.3-1, 4.3.5-1, 4.3.5.3-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.3.5.3.1-1, 4.3.5.3.2-1, C-1 <i>Pages:</i> VR1-1, VR3-5, 20, VR4-43, 45 to 48, 51, 53, 54, VRX-C1
6,795,637	CN ZL 01122422.3; CN ZL 01122426.6; CN ZL 01122427.4; CN ZL 01122429.0; CN ZL 01122430.4; HK 1,041,353; HK 1,041,355; IN 200,954; KR 389,855	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4.1.3, 4.3.3.3, 4.3.3.3.2, 4.3.5, 4.3.5.3, 4.3.5.3.1, 4.3.5.3.2 <i>Figs.:</i> 3.4.1.3-2, 4.3.3.3-1, 4.3.5-1, 4.3.5.3-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.3.5.3.1-1, 4.3.5.3.2-1 <i>Pages:</i> VR1-1, VR3-5, 20, VR4-43, 45 to 48, 51, 53, 54

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SAMSUNG ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,937,815	CN ZL 99108872.7; IN 198,560	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 3.1, 4.7, 4.7.1, 4.7.2, 4.7.3 <i>Fig.:</i> 4.7-1 <i>Table:</i> 4.7.1-1 <i>Pages:</i> VR3-1, VR4-61 to 63
7,085,475	CN ZL 01122416.9; CN ZL 01122420.7; CN ZL 01122421.5; IN 200,107	8	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 2.4, 3.1, 4.7, 4.7.1, 4.7.2, 4.7.3 <i>Annex:</i> C <i>Fig.:</i> 4.7-1 <i>Tables:</i> 4.7.1-1, C1 <i>Pages:</i> VR2-6, VR3-1, VR4-61 to 63, VRX-C1, C2
7,194,187		31	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.4.1.3, 4.3.3.3, 4.3.3.3.2, 4.3.5, 4.3.5.3 <i>Figs.:</i> 3.4.1.3-1, 3.4.1.3-2, 4.3.3.3-1, 4.3.5-1, 4.3.5.3-1 <i>Tables:</i> 4.3.3.3.2-2, 4.3.3.3.2-3, 4.3.3.3.2-4 <i>Pages:</i> VR1-1, VR3-18, 20, VR4-43, 46 to 48, 51, 53
7,266,285		31	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.4.1.3, 4.3.3.3, 4.3.3.3.2, 4.3.5, 4.3.5.3 <i>Figs.:</i> 3.4.1.3-1, 3.4.1.3-2, 4.3.3.3-1, 4.3.5-1, 4.3.5.3-1 <i>Tables:</i> 4.3.3.3.2-2, 4.3.3.3.2-3, 4.3.3.3.2-4 <i>Pages:</i> VR1-1, VR3-18, 20, VR4-43, 46 to 48, 51, 53
	KR 224,813	KR claim 5	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.4, 3.4.1.1, 3.4.1.3, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.1, 5.5, 5.5.1, 5.5.1.1, 5.5.1.2, 5.5.1.3, 5.5.3 <i>Figs.:</i> 3.4.1.2-1, 5.2.1-1, 5.2.2-1, 5.5.1-1 <i>Tables:</i> 5.5.1.1-1, 5.5.1.2-1 <i>Pages:</i> VR1-1, VR3-7, 9, 12, VR5-1 to 9, 32 to 34, 37

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
5,758,007	EP 806,868 (DE, FR, GB); HK 1,014,418; KR 215,626; KR 253,729	2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.3.4, 5.5.3, 5.5.3.1, 5.5.3.2.2, 5.5.3.3 <i>Figs.:</i> 5.3.4-1, 5.5.3-1, 5.5.3-2 <i>Tables:</i> 5.3.4-1, 5.5.3.1-1 <i>Pages:</i> VR5-25 to 27, 58, 60, 62, 63, 68, 69
5,774,441		6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.2.1, 5.3.1 <i>Figs.:</i> 5.2.1-1, 5.3.1-1 <i>Table:</i> 5.2.1-1 <i>Pages:</i> VR5-4, 5, 9
5,845,021	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; RU 2,158,487	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.5.3.1, 5.5.3.2, 5.5.3.2.1, 5.5.3.2.2(a) <i>Table:</i> 5.5.3.2.1-1 <i>Pages:</i> VR5-60 to 62
5,995,667		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.5.3, 5.5.3.1, 5.5.3.2.1, 5.5.3.2.2 <i>Pages:</i> VR5-58, 60 to 63
6,009,202		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.5.3, 5.5.3.1, 5.5.3.2.1, 5.5.3.2.2 <i>Pages:</i> VR5-58, 60 to 63
6,011,867		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.2.1, 5.5.3.2.2 <i>Pages:</i> VR5-58, 60 to 63

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,016,363		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.5.3, 5.5.3.1, 5.5.3.2.1, 5.5.3.2.2 <i>Figs.:</i> 5.5.3-1, 5.5.3-2 <i>Tables:</i> 5.5.3.1-1, 5.5.3.2.1-1 <i>Pages:</i> VR5-58, 60 to 63
6,016,364	TH 10,072 (App. 29,463)	1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.5.3, 5.5.3.1, 5.5.3.2.1, 5.5.3.2.2 <i>Figs.:</i> 5.5.3-1, 5.5.3-2 <i>Table:</i> 5.5.3.2.1-1 <i>Pages:</i> VR5-58, 60 to 63
6,018,594		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.2.1, 5.5.3.2.2, 5.5.3.2.3 <i>Pages:</i> VR5-58, 60 to 64
6,021,226		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.2.1, 5.5.3.2.2 <i>Pages:</i> VR5-58, 60 to 63
6,031,963		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.3.4, 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.2.2, 5.5.3.2.3, 5.5.3.3 <i>Figs.:</i> 5.3.4-1, 5.5.3-1 <i>Tables:</i> 5.3.4-1, 5.5.3.1-1 <i>Pages:</i> VR5-25 to 27, 58, 60, 62 to 64, 68
6,047,086		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.2.1, 5.5.3.2.2 <i>Pages:</i> VR5-58, 60, 61, 62, 63
6,081,208		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 5.5.3, 5.5.3.2.1, 5.5.3.2.2 <i>Pages:</i> VR5-58, 61 to 63

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TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,253,025		6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.4.1.2, 5.2, 5.3.4, 5.4, 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.2.3, 5.5.3.3 <i>Figs.:</i> 5.3.4-1, 5.4-1, 5.5.3-1, 5.5.3-2, 5.5.3.2.3-2 <i>Tables:</i> 5.2-1, 5.3.4-1, 5.5.3.1-1, 5.5.3.3-1 <i>Pages:</i> VR1-1, VR3-11, VR5-4, 25 to 27, 29, 30, 58, 60, 64, 65, 68
6,259,858		13	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4.1.1, 4, 4.4, 4.6, 4.6.2, 4.6.3, 4.8, 4.8.1, 4.8.2 <i>Annex:</i> F.1 to F.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.6-1, 4.8-1, F.3-1 <i>Tables:</i> 4.6.2-1, 4.6.3-1, 4.8.1-1, 4.8.2-1 <i>Pages:</i> VR1-1, VR3-5, 9, VR4-1, 55, 58 to 60, 64 to 66, VRX-F1 to F3
6,263,152		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.4.1, 3.7, 3.7.4, 3.8.1, 4.8.2 (RBP 134 to 141) <i>Pages:</i> VR1-1, VR3-1, 9, 40 to 42, VR4-65 to 67
6,289,166		7	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.8.1, 4.2.3, 4.2.3.3, 4.2.3.3.1, 4.8.4.1, 4.8.4.1.1, 5.2.1, 5.4, 5.5.1 <i>Annex:</i> H.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4.2.3-1, 4.2.3.3-1, 5.1.1-1, H.1-2, H.1-3 <i>Tables:</i> 4.2.3.3.1-1, 4.8.4.1.1-1, 5.4-1 <i>Pages:</i> VR1-1, VR2-7, 8, 12, VR3-5, 8 to 10, 22, 42, VR4-23 to 26, 69, 70, VR5-4, 29, 30, 32, VRX-H1 to H3
6,308,005		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 3.1, 3.3, 3.4, 4, 5.2.1, 5.2.2, 5.3, 5.3.5, 5.5.4, 5.5.4.1 (RBP 11 to 15) <i>Figs.:</i> 3.3-1, 5.2.2-1, 5.3.1-1, 5.3.5-1 <i>Tables:</i> 5.2-1, 5.3.5-1, 5.5.4-1, 5.5.4.1-1 <i>Pages:</i> VR3-1, 5, 7, VR4-1, VR5-4, 7, 9, 28, 74, 76

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TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,339,672		5	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.3, 3.7.4, 3.8.1, 4, 4.8, 4.8.2 <i>Annex:</i> C <i>Figs.:</i> 3.4.1.1-1, 3.4.1.3-1, 3.4.1.3-2, 4-1, 4.8-1 <i>Tables:</i> 4.8.2-1, 4.8.2-2, C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5, 7, 9, 18, 41, 42, VR4-1, 64 to 67, VRX-C2
6,339,674		7	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.8.1, 4, 4.8, 4.8.2 <i>Annex:</i> C <i>Figs.:</i> 3.4.1.1-1, 4-1, 4.8-1 <i>Tables:</i> 4.8.2-1, C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 12, VR3-5, 7, 9, 42, VR4-1, 64 to 66, VRX-C2
6,341,196	KR 333,116	9	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 3.4.1.5, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.3, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2, 4.8.4.2.1 <i>Figs.:</i> 3.4.1.1-1, 3.4.1.2-1, 3.4.1.5-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.2.3.3.4-2, 4.8.4-1, 4.8.4.1-1 <i>Tables:</i> 4.8.4.1.1-1, 4.8.4.2.1-1 <i>Pages:</i> VR1-1, VR2-4, 8, 12, VR3-5, 7, 9 to 12, 22, 42, VR4-1, 15, 23 to 25, 31, 32, 35, 68 to 71, 73, 74
6,341,197		7	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.8.1, 4 <i>Annex:</i> J <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1 <i>Pages:</i> VR1-1, VR2-4, 8, 12, VR3-5 to 7, 9, 42, VR4-1, VRX-J1

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,353,702		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.4.1.4, 3.4.1.5, 4, 4.3, 4.3.3, 4.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2, 5.2.2 <i>Figs.:</i> 3.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 5.2.2-1 <i>Tables:</i> 4.3.3.1-1, 4.3.3.2-1, 4.3.3.3.1-1, 4.3.3.3.2-2 to 4.3.3.3.2-4 <i>Pages:</i> VR1-1, VR2-7, VR3-1, 2, 5 to 8, 18, 19, 21, 24, VR4-1, 36, 41 to 48, VR5-7, 8
6,356,706		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.8.1, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.2, 4.8.4.2.1 <i>Figs.:</i> 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 4.8.4.2-1 <i>Tables:</i> 4.8.4.1.1-1, 4.8.4.2.1-1 <i>Pages:</i> VR1-1, VR2-4, 8, 12, VR3-5, 7, 9, 22, 42, VR4-1, 64, 68 to 70, 73, 74
6,360,056		5	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2, 2.4, 3.3, 3.4.1.3, 3.4.1.4, 3.4.1.5, 4, 4.3, 4.3.3, 4.3.3.2, 4.3.3.3, 4.5, 4.8, 4.8.4.2 <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.5-1, 4.8-1, 4.8.4.1.2-1, 4.8.4.2-1 <i>Tables:</i> 4.3.3.3.2-2 to 4.3.3.3.2-4, 4.8.4.2-1 <i>Pages:</i> VR1-1, VR2-7, VR3-5, 6, 18, 19, 21, 24, VR4-1, 36, 41 to 48, 56, 64, 68, 73, 74
6,360,057		12	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 2.7, 3.1, 3.2, 3.3, 3.4, 3.6, 3.7.1, 3.7.2, 3.8.1, 4, 4.8, 4.8.4, 4.8.4.1, 5.2.1 <i>Annex:</i> H, I <i>Figs.:</i> 3.3-1, 3.6-1, 3.7.1-1, 4-1, 4.8-1, 4.8.3-1, 4.8.4.1-1, 5.2.1-1 <i>Pages:</i> VR1-1, VR2-7, 11, 12, VR3-1, 3 to 5, 7, 40 to 42, VR4-1, 64, 68, 69, VR5-4, VRX-H1 to H9, I1 to I5

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,385,389		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1, 3.4.1.1, 3.4.1.5, 3.5.1, 3.7.4, 3.8.2, 4, 4.1, 4.1.1, 4.8.4.1, 4.8.4.1.1, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.2-1, 3.4.1.5-1, 4-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.1.1-3, 4.8.4.1.1-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-7, 12, VR3-5, 7 to 12, 22, 25, 41, 43, VR4-1 to 3, 7, 9, 69, 70, VR5-1, 4
6,389,222		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 3.4.1.4, 3.4.1.5, 4, 4.3, 4.3.3, 4.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2, 5.2.2 <i>Figs.:</i> 3.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 5.2.2-1 <i>Tables:</i> 4.3.3.1-1, 4.3.3.2-1, 4.3.3.3.1-1, 4.3.3.3.2-1 to 4.3.3.3.2-4 <i>Pages:</i> VR1-1, VR2-7, VR3-5 to 8, 18, 19, 21, 24, VR4-1, 36, 41 to 48, VR5-7, 8
6,453,119		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1, 3.4.1.1, 3.4.1.5, 3.5.1, 3.7.4, 3.8.2, 4, 4.1, 4.1.1, 4.1.2, 4.1.2.2, 4.8, 4.8.2, 4.8.4.1, 4.8.4.1.1, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.1.2-1, 5.2.1-1 <i>Tables:</i> 4.1.2.2-1, 4.1.2.2-2, 4.8.2-1, 4.8.2-2, 4.8.4.1.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-7, 9, 12, VR3-5, 8 to 11, 22, 25, 41, 43, VR4-1 to 3, 7, 9 to 11, 13, 14, 64 to 67, 69, 70, VR5-1, 4, VRX-C1, C2
6,519,413		12	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.8.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.6, 4.6.2, 4.6.3 <i>Annex:</i> F.1 to F3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.1-1, 4.1.2-1, 4.6-1, F.3-1 <i>Tables:</i> 4.1.2.2-1, 4.6.2-1, 4.6.3-1 <i>Pages:</i> VR1-1, VR2-7, VR3-3, 5, 9, 10, VR4-1, 2, 10 to 13, 42, 58 to 60, VRX-F1 to F3

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TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,529,681		6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.8.1, 4, 5.2.1, 5.3.1, 5.3.5, 5.5.4, 5.5.4.1 <i>Figs.:</i> 3.4.1.1-1, 4-1, 5.2.1-1, 5.3.1-1, 5.3.5-1 <i>Table:</i> 5.5.4.1-1 <i>Pages:</i> VR1-1, VR2-12, VR3-5, 7, 9, 42, VR4-1, VR5-4, 9, 28, 74, 76
6,530,037		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.6, 3.6.1, 3.6.3, 3.6.5, 3.8.1, 5.4 <i>Annex:</i> G.1, L <i>Figs.:</i> 3.3-1, 3.6.2-1, 5.4-1 <i>Tables:</i> L-1 to L-3 <i>Pages:</i> VR1-1, VR2-5, 7, VR3-5, 8, 35 to 39, 42, VR5-30, VRX-G1, G3, L1, L2
6,532,334	CN ZL 99802332.9; KR 353,176	6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4, 4, 4.1, 4.1.1, 4.4, 4.5, 4.5.3, 4.8, 4.8.3, 4.8.4, 4.8.4.1.1, 5.1, 5.2, 5.2.1, 5.3.2, 5.3.3, 5.4 <i>Figs.:</i> 3.3-1, 4-1, 4.1-1, 4.5-1, 4.8-1, 4.8.4-1, 5.2.1-1, 5.3.2-1, 5.3.3-1, 5.4-1 <i>Tables:</i> 4.1.1-1, 4.1.1-2, 4.8.1-1, 4.8.4.1.1-1, 5.1-1, 5.3.2-2, 5.3.3-1 to 5.3.3-3 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 5 to 7, VR4-1 to 3, 5, 6, 55 to 57, 64, 65, 68 to 70, VR5-1, 4, 5, 11, 12, 14 to 19, 21 to 24, 29, 30
6,539,168		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 4, 4.7, 4.7.3, 5.2.1 <i>Figs.:</i> 3.3-1, 4-1, 4.7-1, 5.2.1-1 <i>Tables:</i> 4.7.3-1, 5.2.1-1 <i>Pages:</i> VR1-1, VR2-6, 12, VR3-5, VR4-1, 61, 63, VR5-4, 5

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TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,546,192		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.1, 3.4.1.5, 3.7.4, 3.8.1, 4, 4.1, 4.1.1, 4.1.2., 4.1.2.1, 4.1.2.2, 4.4, 4.5, 4.5.2, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.2, 5.2.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4.1-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 5.2.1-1, 5.4-1 <i>Tables:</i> 4.1.1-1, 4.1.2.1-1, 4.1.2.2-1, 4.1.2.2-2 <i>Pages:</i> VR1-1, VR2-4, 8, VR3-5, 9, 22, 41, 42, VR4-1 to 3, 10, 11, 13, 14, 55 to 57, 64, 68 to 70, VR5-4, 29, 30, VRX-C1, C2
6,546,452		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.8.1, 4.2.3.3.4.1, 4.2.3.3.4.2, 5.4 <i>Fig.:</i> 5.4-1 <i>Tables:</i> 4.2.3.3.4.1-1, 4.2.3.3.4.2-1 <i>Pages:</i> VR1-1, VR2-1, 7, VR3-1, 2, 5, 42, VR4-33, 34, VR5-30
6,549,976		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 2.4, 3.1, 3.3, 3.4, 3.6, 3.6.1, 3.6.3, 3.6.5, 3.8.1, 5.4 <i>Annex:</i> G.2 <i>Figs.:</i> 3.3-1, 3.6.2-1, 5.4-1 <i>Pages:</i> VR2-5, 7, VR3-1, 5, 8, 35 to 39, 42, VR5-30, VRX-G5
6,553,180	CN ZL 99803192.5; KR 383,526	4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.1, 3.4.1.5, 3.7.4, 3.8.1, 4, 4.1.1, 4.1.2, 4.1.2.2, 4.4, 4.5, 4.5.3, 4.8, 4.8.2, 5.2.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.4-1, 4.5-1, 4.8-1, 5.2.1-1, 5.4-1 <i>Tables:</i> 4.1.1-1, 4.1.1-3, 4.1.2.2-1, 4.1.2.2-2, 4.8.2-1, C-1 <i>Pages:</i> VR1-1, VR2-4, 8, VR3-5, 9, 22, 41, 42, VR4-1, 3, 7, 10, 11, 13, 14, 55 to 57, 64, 65, 67, VR5-4, 29, 30, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,553,182		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.4.1.1, 3.8.1, 4, 4.4, 4.5, 4.6, 4.6.2, 4.6.3, 4.8, 4.8.1, 4.8.2 <i>Annex:</i> C, F.1 to F.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.6-1, 4.8-1, F.3-1 <i>Tables:</i> 4.6.2-1, 4.6.3-1, 4.8.1-1, 4.8.2-1, C-1 <i>Pages:</i> VR1-1, VR3-3, 5, 8, 9, 10, 42, VR4-1, 55, 56, 58 to 60, 64 to 66, VRX-C2, F1 to F3
6,556,773		6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.8.1, 4, 4.1, 4.1.1, 4.1.2, 4.1.2.2, 4.8, 4.8.2, 4.8.4.1, 4.8.4.1.2, 5.2.1, 5.8.2 <i>Annex:</i> H, I <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.1-1, 4.1.2-1, 4.8-1, 4.8.4.1-1, 4.8.4.1.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.1.2.2-1, 4.8.2-1, 4.8.4.1.2-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-7 to 9, VR3-1, 3, 5, 7 to 9, 22, 35, 42, VR4-1, 2, 10, 11, 13, 64 to 66, 68, 69, 71, 72, VR5-4, VRX-H1 to H9, I1 to I5
6,556,774		6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1, 3.4.1.1, 3.4.1.5, 3.6, 3.8.1, 4, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.8.4.1.2-1, 4.8.4.1.2-2, 4.8.4.2-1, 4.8.4.2-2 <i>Pages:</i> VR1-1, VR2-7, 8, VR3-1, 3, 5, 7, 9, 22, 35, 42, VR4-1, 64, 68, 69, 71, 72, VR5-4, VRX-C1 to C3

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,556,777		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.8.1, 4, 4.1, 4.1.1, 4.4, 4.5, 4.6, 4.6.2, 4.6.3, 4.8, 4.8.1, 4.8.2 <i>Annex:</i> F.1 to F.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.1-1, 4.6-1, 4.8-1, F.3-1 <i>Tables:</i> 4.1.1-1, 4.6.2-1, 4.6.3-1, 4.8.1-1, 4.8.2-1 <i>Pages:</i> VR1-1, VR2-11, VR3-5, 7 to 10, 42, VR4-1 to 3, 5, 55, 56, 58 to 60, 64 to 66, VRX-F1 to F3
6,560,405		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1, 5.1, 5.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1, 5.2.1-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.8.4.2.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8 to 10, VR3-1, 5, 6, 18, 42, VR4-1, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VR5-1, 4, VRX-C1, C2
6,560,406		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.8.4.2.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8 to 10, VR3-1, 5, 6, 18, 42, VR4-1, 36, 41, 43, 45 to 49, 55, 56, 64, 68, 73, 74, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,560,407		7	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.5.1, 3.7.4, 3.8.2, 4, 4.1, 4.1.1, 4.2, 4.2.3, 4.2.3.3.4, 5.1, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3.4-1, 5.2.1-1 <i>Tables:</i> 4.1.1-3, 5.1-1 <i>Pages:</i> VR1-1, VR2-4, 7, 12, VR3-5, 7 to 9, 22, 25, 41, 43, VR4-1 to 3, 7, 15, 23, 24, 31, VR5-1, 4
6,564,007		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 3.4.1.4, 3.4.1.5, 3.8.3, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.5, 4.7, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.2 <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.7-1, 4.8-1, 4.8.4-1, 4.8.4.2-1 <i>Tables:</i> 4.3.3.3.2-2 to 4.3.3.3.2-4, 4.8.4.2-1, 4.8.4.2.2-1, 4.8.4.2.2-2 <i>Pages:</i> VR1-1, VR2-7, 8, 10, VR3-5, 6, 18, 19, 21, 24, 44, VR4-1, 36, 41 to 48, 56, 61, 64, 68, 73 to 76
6,564,008		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4.1.1, 3.4.1.5, 3.6, 3.8.1, 3.8.4, 4, 4.1, 4.1.2, 4.1.2.2, 4.8, 4.8.2, 4.8.4.1, 4.8.4.1.2 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 3.8.4-1, 4-1, 4.1-1, 4.1.2-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.2.2-1, 4.8.2-1, 4.8.4.1.2-1, 4.8.4.1.2-2, 4.8.4.2-1, 4.8.4.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 5, 7 to 9, 22, 35, 42, 45, VR4-1, 2, 10, 11, 13, 61, 64, 65, 68, 69, 71, 72, VR5-4

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,567,607		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2, 4.3.4, 4.3.5, 4.3.5.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.3.5-1 <i>Tables:</i> 4.3.3.1-1, 4.3.3.2-1, 4.3.3.3.1-1, 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.3.4-1, 4.3.5.2-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 10, VR3-1, 5, 6, 18, 42, VR4-1, 36, 41 to 49, 51, 52, VRX-C1, C2
6,571,309		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.1, 2.4, 3.1, 3.3, 3.4, 3.4.1.2, 3.6.5, 3.8.1, 3.8.2, 4.2.3.3.4.1, 4.2.3.3.4.2, 5.4 <i>Figs.:</i> 3.3-1, 5.4-1 <i>Tables:</i> 4.2.3.3.4.1-1, 4.2.3.3.4.2-1 <i>Pages:</i> VR1-1, VR2-1, 6, 7, VR3-1, 2, 5, 8, 10, 39, 42, 43, VR4-33, 34, VR5-30
6,574,421		6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 3.4.1.5, 3.6, 3.7.2, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.2-3, 3.4.1.5-1, 3.6-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.2.3.3.4-2, 4.2.3.3.4.2-1, 4.8-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.2.3.3.4.1-1, 4.2.3.3.4.2-1, 4.8.4.1.2-2, C-1 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 11, 14, 22, 35, 41, 42, VR4-1, 15, 23 to 25, 31 to 35, 64, 69, 71, 72, VR5-4, VRX-C1

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,574,422	KR 392,050	3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.3, 3.4.1, 3.5.1.2.1, 3.6.2, 3.8.1, 4, 4.2.3.1, 5.1, 5.2, 5.2.1, 5.3.3 <i>Annex:</i> I.1 to I.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.5.1.2.1-1, 3.6.2-1, 4-1, 5.2.1-1, I2-1 <i>Tables:</i> 4.2.3.3.1-1, 5.1-1, 5.1-2, 5.1-3, 5.2-1, 5.3.3-3 <i>Pages:</i> VR1-1, 3, VR3-1, 5, 9, 28, 37, 42, VR4-1, 25, 26, VR5-1 to 5, 23, 24, VRX-I1 to I3
6,577,811	TW 113,406	4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.5, 3.1, 3.3, 3.4, 3.4.1, 3.8.1, 4, 4.2.3.1, 4.4, 4.8, 4.8.2, 5.1, 5.2, 5.2.1, 5.3.3 <i>Annex:</i> I.1 to I.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.8-1, 5.2.1-1, I2-1 <i>Tables:</i> 4.2.3.3.1-1, 4.8.2-1, 5.1-1, 5.1-2, 5.1-3, 5.2-1, 5.3.3-3 <i>Pages:</i> VR1-1, VR2-16, VR3-1, 5, 8 to 10, 42, VR4-1, 25, 26, 55, 64 to 66, VR5-1 to 5, 23, 24, VRX-I1 to I3
6,577,812		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.5, 3.1, 3.3, 3.4.1, 3.5.1.2.1, 3.6.2, 3.8.1, 4, 4.2.3.1, 4.4, 4.8, 4.8.2, 5.1, 5.2, 5.2.1, 5.3.3 <i>Annex:</i> I.1, I.2 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.5.1.2.1-1, 3.6.2-1, 4-1, 4.8-1, 5.2.1-1, I2-1 <i>Tables:</i> 4.2.3.3.1-1, 4.8.2-1, 5.1-1, 5.1-2, 5.1-3, 5.2-1, 5.3.3-3 <i>Pages:</i> VR1-1, 3, VR2-16, VR3-1, 5, 9, 28, 37, 42, VR4-1, 25, 26, 55, 64 to 66, VR5-1 to 5, 23, 24, VRX-I1 to I3
6,580,872	KR 381,290	3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3.1, 4.4, 4.8, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2 <i>Figs.:</i> 3.3-1, 4-1, 4.2.3-1, 4.2.3.3.1-1, 4.4-1, 4.8-1, 4.8.4.1-1 <i>Tables:</i> 4.8.4.1.1-1, 4.8.4.1.2-1 <i>Pages:</i> VR1-1, VR2-6, VR3-5, 42, VR4-1, 15, 23, 25, 26, 55, 64, 68 to 71

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,584,277		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.7.2, 3.8.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.5, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.1-1, 4.1.2-1, 4.5-1, 4.8-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.2.2-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, 42, VR4-1, 2, 10, 11, 13, 56, 64, 69, 71, 72, VR5-4
6,594,725		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.6, 3.6.1, 3.6.2, 3.6.3, 3.6.5, 3.8.1, 3.8.2, 5.4 <i>Annex:</i> G, G1, L <i>Figs.:</i> 3.3-1, 3.6-1, 3.6.2-1, 3.6.2-2, 5.4-1 <i>Tables:</i> L-1, L-2, L-3 <i>Pages:</i> VR1-1, VR2-5, 7, VR3-5, 8, 35 to 37, 38, 39, 42, 43, VR5-30, VRX-G1 to G4, L1, L2
6,603,923		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.4.1.1, 3.5, 3.8.1, 4, 5.2, 5.2.1, 5.3.1, 5.3.5, 5.5.4, 5.5.4.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 5.2.1-1, 5.3.1-1, 5.3.5-1 <i>Tables:</i> 5.2-1, 5.2.1-1, 5.5.4-1, 5.5.4.3-1 <i>Pages:</i> VR1-1, VR2-6, 8, 9, 12, VR3-3 to 6, 9, 25, 42, VR4-1, VR5-4, 5, 9, 28, 74, 80
6,609,175		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.3, 2.1, 2.4, 3.3, 3.4.1.1, 3.4.1.2, 3.6, 3.6.5, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.1, 4.2.3.3.4.2, 5.1, 5.2.1, 5.4 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.2-1, 3.6-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.2.3.3.4-2, 5.4-1 <i>Tables:</i> 4.2.3.3.4.1-1, 4.2.3.3.4.2-1, 5.1-1 <i>Pages:</i> VR1-1, 4, VR2-1, 6, 7, VR3-5, 9, 10, 12, 35, 39, 42, VR4-1, 15, 23 to 25, 31 to 34, VR5-1, 4, 30

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,628,892		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.7.2, 3.8.1, 4, 4.8, 4.8.2, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.8-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.8.2-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, 42, VR4-1, 64 to 66, 69, 71, VR5-4
6,650,828		6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.7, 3.7.4, 4.8, 4.8.2, 4.8.4, 4.8.4.1.1 <i>Figs.:</i> 4.8-1, 4.8.4-1 <i>Tables:</i> 4.8.2-1, 4.8.2-2, 4.8.4.1.1-1 <i>Pages:</i> VR1-1, VR3-1, 40, 41, VR4-64 to 70
6,651,135		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.3, 2.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 3.4.1.5, 3.6, 3.8.1, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.1, 4.2.3.3.4.2, 5.4 <i>Annex:</i> L <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.2-1, 3.4.1.5-1, 3.6-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.2.3.3.4-2, 5.4-1 <i>Tables:</i> 4.2.3.3.4.1-1, 4.2.3.3.4.2-1, L-1, L-2, L-3 <i>Pages:</i> VR1-1, 4, VR2-1, 7, 42, VR3-5, 7 to 11, 12, 22, 35, 42, 43, VR4-1, 15, 23 to 25, 31, to 34, VR5-30, VRX-L1, L2
6,662,309		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.6, 3.6.1, 3.6.2, 3.6.3, 3.6.5, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.1, 4.2.3.2, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.1, 5.4 <i>Annex:</i> L <i>Figs.:</i> 3.3-1, 3.6-1, 3.6.2-1, 3.6.2-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 5.4-1 <i>Tables:</i> 4.2.3.1-1, 4.2.3.2-1, 4.2.3.3.4.1-1; L-1, L-2, L-3 <i>Pages:</i> VR1-1, VR2-5, 7, VR3-5, 7, 35 to 39, 42, VR4-1, 15, 23, to 25, 31, 33, VR5-30, VRX-L1, L2

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,668,135		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1, 3.4.1.1, 3.4.1.5, 3.5.1, 3.7.4, 3.8.2, 4, 4.1, 4.1.1, 4.4, 4.8, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.1-1, 4.1-1, 4.4-1, 4.8-1, 5.2.1-1, 5.4-1 <i>Table:</i> 4.1.1-1, 4.1.1-3, 4.8.4.1.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-7, 11, 12, VR3-5, 7 to 11, 22, 25, 41, 43, VR4-1 to 3, 7 to 9, 55, 64, 69, 70, VR5-1, 4, 29, 30, VRX-C1
6,671,457		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1, 3.4.1.1, 3.4.1.5, 3.5.1, 3.7.4, 3.8.2, 4, 4.1, 4.1.1, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.1-1, 5.2.1-1, 5.4-1 <i>Tables:</i> 4.1.1-1, 4.1.1-3, 4.8.4.1.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-7, 11, 12, VR3-5, 7 to 11, 22, 25, 41, 43, VR4-1 to 3, 7 to 9, 69, 70, VR5-1, 4, 29, 30, VRX-C1
6,671,458		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1, 3.4.1.1, 3.4.1.5, 3.5.1, 3.7.4, 3.8.2, 4, 4.1, 4.1.1, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.1.1-3, 4.8.4.1.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-4, 7, 11, 12, VR3-5, 7 to 11, 22, 25, 41, 43, VR4-1 to 3, 7 to 9, 69, 70, VR5-1, 4, VRX-C1

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,674,959		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1, 3.4.1.1, 3.4.1.5, 3.5.1, 3.7.4, 3.8.2, 4, 4.1, 4.1.1, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.1.1-3, 4.8.4.1.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-4, 7, 11, 12, VR3-5, 7 to 11, 22, 25, 41, 43, VR4-1 to 3, 7 to 9, 69, 70, VR5-1, 4, VRX-C1
6,697,565		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 4, 4.8, 4.8.2, 4.8.4, 4.8.4.1 <i>Fig.:</i> 3.4.1.1-1 <i>Pages:</i> VR-68 to 70, VR1-1, VR2-9, VR3-5 to 9, VR4-1, 64 to 67
6,704,492		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 4.8, 4.8.1, 4.8.2, 4.8.4, 4.8.4.1 <i>Figs.:</i> 3.4.1.1-1, 4.8-1 <i>Pages:</i> VR1-1, VR2-9, VR3-5 to 7, 9, VR4-64 to 66, 68 to 70
6,711,346		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.1-1, 4.3.3.3-1 <i>Tables:</i> 4.3.3.2-1, 4.3.3.3.1-1, 4.3.3.3.2-1 to 4.3.3.3.2-4, C-1 <i>Pages:</i> VR1-1, VR2-9, VR3-1, 5, 6, 42, VR4-1, 36, 41 to 48, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,724,980		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.8.4.2.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8 to 10, VR3-1, 5, 6, 18, 42, VR4-1, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2
6,731,863		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.8.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.6, 4.6.1 <i>Annex:</i> C, F.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.1-1, 4.1.2-1, 4.6-1, F.3-1 <i>Tables:</i> 4.1.2.2-1, 4.6.1-1, C-1 <i>Pages:</i> VR1-1, V2-7, VR3-5, 7, 9, 10, 42, VR4-1, 2, 10, 11, 13, 58, 59, VRX-C1, F3
6,738,560		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.8.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.6, 4.6.1 <i>Annex:</i> F.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.1-1, 4.1.2-1, 4.6-1, F.3-1 <i>Tables:</i> 4.1.2.2-1, 4.6.1-1 <i>Pages:</i> VR1-1, V2-7, VR3-5, 7, 9, 10, 42, VR4-1, 2, 10, 11, 13, 58, 59, VRX-F3
6,741,798		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1, 3.4.1.1, 3.4.1.5, 3.5.1, 3.7.4, 3.8.2, 4, 4.1, 4.1.1, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.1-1, 5.2.1-1, 5.4-1 <i>Tables:</i> 4.1.1-1, 4.1.1-3, 4.8.4.1.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-7, 11, 12, VR3-5, 7 to 11, 22, 25, 41, 43, VR4-1 to 3, 7 to 9, 69, 70, VR5-1, 4, 29, 30, VRX-C1

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,741,799		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.3, 4.3.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 10, 15, VR4-1, 15, 23, 24, 31, 36, 41
6,744,973		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1 <i>Tables:</i> 4.3.3.1-1, 4.3.3.2-1, 4.3.3.3.1-1, 4.3.3.3.2-1 to 4.3.3.3.2-4, C-1 <i>Pages:</i> VR1-1, VR2-9, 10, VR3-1, 5, 6, 18, 42, VR4-1, 36, 41 to 48, VRX-C1, C2
6,751,403		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.8.1, 4, 4.1, 4.1.1, 4.1.2, 4.1.2.2 <i>Annex:</i> F.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.1-1, 4.1.2-1, F.3-1 <i>Tables:</i> 4.1.1-1, 4.1.2.2-1 <i>Pages:</i> VR1-1, V2-7, VR3-5, 7, 9, 10, 42, VR4-1 to 3, 5, 10, 11, 13, VRX-F3
6,763,180		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.3.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1 <i>Tables:</i> 4.3.3.1-1, 4.3.3.2-1, 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.8.4.2.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8 to 10, VR3-1, 5, 6, 18, 42, VR4-1, 36, 41 to 43, 45 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,798,976		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.7.2, 3.8.1, 4, 4.1.1, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.8-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1 3 to 5, 7 to 9, 22, 35, 41, 42, VR4-1, 3, 5, 64, 69, 71, 72, VR5-4
6,819,862		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.8.1, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.1, 4.8, 4.8.4, 4.8.4.1, 5.2.1, 5.4, 5.5.1 <i>Annex:</i> C, H.1, H.2 <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 3.4.1.5-2, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 5.1.1-1, 5.4-1, H.1-2, H.2-1 <i>Tables:</i> 4.2.3.3.1-1, 4.8.4.1-1, C-1 <i>Pages:</i> VR1-1, 3, VR2-7, 8, 12, VR3-5, 7 to 9, 22, 23, 42, VR4-15, 23 to 26, 64, 68 to 70, VR5-4, 29, 30, 32, VRX-C1, H1 to H4
6,892,023		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.8.4, 4.8.4.1 <i>Fig.:</i> 3.3-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 9, VR4-1, 15, 23, 24, 31, 69, 70
6,901,208		8	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1, 4.8.4.2.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1 <i>Tables:</i> 4.8.4.2.1-1, 4.8.4.2.2-1, 4.8.4.2.2-2, C-1 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 5, 6, 18, 42, VR4-1, 55, 56, 64, 68, 73 to 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,904,231		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.3, 4.8.4, 4.8.4.1 <i>Fig.:</i> 3.3-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 9, VR4-1, 15, 23, 24, 31, 35, 69, 70
6,907,186		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, C-1 <i>Pages:</i> VR1-1, VR2-9, 10, VR3-1, 5, 6, 18, 42, VR4-1, 36, 41, 43, 45 to 48, VRX-C1, C2
6,907,187		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.3, 4.3.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1 <i>Pages:</i> VR1-1, VR2-9, 10, 12, VR3-5 to 10, 15, VR4-1, 15, 23, 24, 31, 36, 41
6,915,066		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 4, 4.8.2, 4.8.4, 4.8.4.1 <i>Fig.:</i> 3.3-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 8, VR4-1, 65, 68 to 70
6,941,061		5	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.3, 4.8.4, 4.8.4.1, 5.2.1, 5.3.1, 5.3.5, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Fig.:</i> 3.3-1 <i>Table:</i> C-5 <i>Pages:</i> VR1-1, VR2-12, VR3-5, 6, VR4-15, 23, 24, 31, 35, 68 to 70, VR5-4, 9, 28, 74, 76, VRX-C6

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,944,391		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.8.1, 4, 4.1.1, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.8-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-5, 7 to 9, 22, 35, 42, VR4-1, 3, 5, 64, 69, 71, 72, VR5-4
6,990,288		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.1, 4.2.3.3.2, 4.4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2 <i>Annex:</i> H <i>Figs.:</i> 3.3-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, H.1-1, H.1-2, H.1-3 <i>Tables:</i> 4.2.3.3.1-1, 4.2.3.3.2-1, 4.8.4.1.1-1, 4.8.4.1.2-1 <i>Pages:</i> VR1-1, VR2-4, VR3-5, 42, VR4-1, 15, 23 to 28, 30, 55, 64, 68 to 71, VRX-H1 to H3
6,996,329		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.7.2, 3.8.1, 4, 4.1, 4.1.1, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.1-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, 42, VR4-1 to 3, 5, 9-3, 64, 69, 71, 72, VR5-4
7,006,759		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.1, 4, 4.1, 4.1.1, 4.2, 4.2.3, 4.2.3.3.1, 4.4, 4.8, 4.8.1, 4.8.2, 4.8.3, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2 <i>Figs.:</i> 3.3-1, 4-1, 4.2.3-1, 4.4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1 <i>Tables:</i> 4.1.1-1, 4.2.3.3.1-1, 4.8.2-1, 4.8.4.1.1-1, 4.8.4.1.2-1 <i>Pages:</i> VR1-1, VR2-4, VR3-5, VR4-1 to 3, 7, 15, 23 to 25, 42, 55, 64 to 71

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,010,220		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.5, 3.6, 3.6.1, 3.8.1, 4, 5.2, 5.2.1, 5.3.1, 5.3.5, 5.5.4, 5.5.4.3 <i>Figs.:</i> 3.3-1, 3.6-1, 4-1, 5.2.1-1, 5.3.1-1, 5.3.5-1 <i>Tables:</i> 5.2-1, 5.2.1-1, 5.5.4-1, 5.5.4.3-1 <i>Pages:</i> VR1-1, VR2-5, 6, 8, 9, 12, VR3-3 to 6, 25, 35, 36, 42, VR4-1, VR5-4, 5, 9, 28, 74, 80
7,013,076		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.7.2, 3.8.1, 4, 4.1.1, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.8-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1 3 to 5, 7 to 9, 22, 35, 41, 42, VR4-1, 3, 5, 64, 69, 71, 72, VR5-4
7,016,602		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.5, 3.8.1, 4, 4.2, 4.3, 4.7, 4.7.1, 4.7.3, 5.2, 5.2.1, 5.3.1, 5.3.5, 5.5.4, 5.5.4.3 <i>Figs.:</i> 3.3-1, 4-1, 4.7-1, 5.2.1-1, 5.3.1-1, 5.3.5-1 <i>Tables:</i> 4.7.1-1, 4.7.3-1, 5.2-1, 5.2.1-1, 5.5.4-1, 5.5.4.3-1 <i>Pages:</i> VR1-1, VR2-6, 8, 9, 12, VR3-3 to 6, 25, 42, VR4-1, 15, 36, 61 to 63, VR5-4, 5, 9, 28, 74, 80
7,024,099		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3.1, 4.4, 4.8, 4.8.1, 4.8.2, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2 <i>Figs.:</i> 3.3-1, 4-1, 4.2.3-1, 4.4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1 <i>Tables:</i> 4.2.3.3.1-1, 4.8.2-1, 4.8.4.1.1-1, 4.8.4.1.2-1 <i>Pages:</i> VR1-1, VR2-4, VR3-5, 42, VR4-1, 15, 23 to 25, 55, 64 to 71

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,031,598		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.3, 3.4.1.5, 3.6, 3.6.4, 3.7.2, 3.8.1, 4, 4.1, 4.1.1, 4.8, 4.8.4.1, 4.8.4.1.2, 4.8.4.2, 4.8.4.2.2, 5.2.1, 5.2.2 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.3-1, 3.4.1.5-1, 4-1, 4.1-1, 4.8-1, 4.8.4.1-1, 4.8.4.2-1, 5.2.1-1, 5.2.2-1 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2, 4.8.4.2.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 18, 22, 35, 39, 41, 42, VR4-1 to 3, 4-2, 5, 64, 69 to 74, 76, VR5-4, 7
7,039,296		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.5, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.8.4, 4.8.4.1 <i>Fig.:</i> 3.3-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 9, 22, 43, VR4-1, 15, 23, 24, 31, 69, 70
7,043,140		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1 <i>Tables:</i> 4.3.3.3.1-1, 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.8.4.2.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8 to 10, VR3-1, 5, 6, 18, 42, VR4-1, 36, 41, 43 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2
7,043,142		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3.1, 4.4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2 <i>Annex:</i> H <i>Figs.:</i> 3.3-1, 4-1, 4.2.3-1, 4.4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, H.1-1, H.1-2, H.1-3 <i>Tables:</i> 4.2.3.3.1-1, 4.8.4.1.1-1, 4.8.4.1.2-1 <i>Pages:</i> VR1-1, VR2-4, VR3-5, 42, VR4-1, 15, 23 to 25, 55, 64, 68 to 71, VRX-H1 to H3

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,043,143		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.7.2, 3.8.1, 4, 4.1.1, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, 42, VR4-1, 3 to 5, 64, 69, 71, 72, VR5-4
7,046,915		7	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.8.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.6, 4.6.2, 4.8, 4.8.2 <i>Annex:</i> C, F.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.1-1, 4.1.2-1, 4.6-1, 4.8-1, F.3-1 <i>Tables:</i> 4.1.2.2-1, 4.6.2-1, 4.8.2-1, C-1 <i>Pages:</i> VR1-1, VR3-5, 7, 9, 10, 42, VR4-1, 2, 10, 11, 13, 58, 59, 64, 65, VRX-C1, C2, F3
7,050,702		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.3, 4.7, 4.8.4, 4.8.4.1 <i>Figs.:</i> 3.3-1, 4-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 9, VR4-1, 15, 23, 24, 31, 35, 61, 69, 70
7,058,289		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.8.1, 4, 4.4, 4.5, 4.7, 4.7.1, 4.7.3, 4.8, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 3.4.1.5-3, 3.8.5-1, 4-1, 4.4-1, 4.5-1, 4.7-1, 4.8-1, 5.2.1-1 <i>Tables:</i> 4.7.1-1, 4.7.3-1, 5.2.1-1 <i>Pages:</i> VR1-1, VR2-4, 6, 8, 9, 12, VR3-3 to 6, 22, 24, 42, 47, VR4-1, 55, 56, 61 to 64, VR5-4, 5

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,072,577		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.5, 3.6, 3.6.1, 4, 3.8.1, 5.2, 5.2.1, 5.3.1, 5.3.5, 5.5.4, 5.5.4.3 <i>Figs.:</i> 3.3-1, 3.6-1, 4-1, 5.2.1-1, 5.3.1-1, 5.3.5-1 <i>Tables:</i> 5.2-1, 5.2.1-1, 5.5.4-1, 5.5.4.3-1 <i>Pages:</i> VR1-1, VR2-5, 6, 8, 9, 12, VR3-3 to 6, 25, 35, 36, 42, VR4-1, VR5-4, 5, 9, 28, 74, 80
7,076,154		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.1, 5.1, 5.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4.2-1, 4.2.3-1, 4.2.3.3-1 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-5, VR3-5, 25, 42, VR4-1, 15, 23 to 25, 31, 33, VR5-1, 4, VRX-C1
7,076,155		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.3, 5.1, 5.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1 <i>Tables:</i> 4.2.3.2-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-5, VR3-5, 25, 42, VR4-1, 15, 23, 24, 31, 35, VR5-1, 4, VRX-C1
7,076,158		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.6, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.1, 4.7, 4.7.1, 4.7.3, 5.2.1 <i>Figs.:</i> 3.3-1, 3.6-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.7-1, 5.2.1-1, H.3-1, H.3-6 <i>Tables:</i> 4.2.3.3.4.1-1, 4.7.1-1, 4.7.3-1, 5.2.1-1 <i>Pages:</i> VR1-1, VR2-6, 9, 12, VR3-3 to 6, 35, 42, VR4-1, 15, 23 to 25, 31, 33, VR5-4, 5, VRX-H5, H9

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,079,754		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3.1, 4.4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2 <i>Figs.:</i> 3.3-1, 4-1, 4.2.3-1, 4.4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1 <i>Tables:</i> 4.2.3.3.1-1, 4.8.4.1.1-1, 4.8.4.1.2-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-4, VR3-5, 42, VR4-1, 15, 23 to 25, 55, 64, 68 to 72
7,092,617		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.2, 5.1, 5.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4.2-1, 4.2.3-1, 4.2.3.3-1 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-5, VR3-5, 25, 42, VR4-1, 15, 23 to 25, 31, 34, VR5-1, 4, VRX-C1
7,106,950		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.3.4, 4.3.5, 4.3.5.3, 4.3.5.3.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.3.5-1, 4.3.5.3-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.3.4-1, 4.3.5.3.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 10, VR3-1, 5, 6, 8, 18, 42, VR4-1, 36, 41, 43, 45 to 49, 51, 53, VRX-C1, C2
7,106,951		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.3.5, 4.3.5.3, 4.3.5.3.1, 4.3.5.3.2, 5.2.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.3.5-1, 4.3.5.3-1, 5.2.2-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.3.5.3.1-1, 4.3.5.3.2-1, C-1 <i>Pages:</i> VR1-1, VR2-9 to 11, VR3-1, 5, 6, 18, 42, VR4-1, 36, 41, 43, 45 to 49, 51, 53, 54, VR5-7, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,106,952		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1, 5.2.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.1-1, 4.1.2-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1, 5.2.2-1 <i>Tables:</i> 4.1.2.2-1, 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.8.4.2.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8 to 11, VR3-1, 5, 6, 18, 42, VR4-1, 2, 10 to 12, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VR5-7, VRX-C1, C2
7,116,895		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.4.1.5, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 3.4.1.5-3, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.8.4.2.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8 to 10, VR3-1, 5, 6, 18, 24, 42, VR4-1, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2
7,116,896		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.3, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.3.5, 4.3.5.2, 4.3.5.3, 4.3.5.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1, 5.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.3.5-1, 4.3.5.3-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1, 5.2.1-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.3.5.2-1, 4.3.5.3.2-1, 4.8.4.2.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8 to 10, VR3-1, 5, 6, 18, 42, VR4-1, 15, 23 to 25, 31, 35, 36, 41, 43, 45 to 48, 51 to 56, 64, 68, 73, 74, VR5-4, VRX-C1, C2

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TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,123,817		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.1, 5.1, 5.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4.2-1, 4.2.3-1, 4.2.3.3-1 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-5, VR3-5, 25, 42, VR4-1, 15, 23 to 25, 31, 33, VR5-1, 4, VRX-C1
7,127,155		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.1-1, 4.1.2-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1 <i>Tables:</i> 4.1.2.2-1, 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.8.4.2.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8 to 10, VR3-1, 5, 6, 18, 42, VR4-1, 2, 10 to 13, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2
7,136,574		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.3.5, 4.3.5.3, 4.3.5.3.1, 4.3.5.3.2 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.3.5-1, 4.3.5.3-1 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.3.5.3.1-1, 4.3.5.3.2-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 10, VR3-1, 5, 6, 18, 42, VR4-1, 36, 41, 43, 45 to 48, 51, 53, 54, VRX-C1, C2
7,146,096		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.4, 3.4.1.5, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.8.4, 4.8.4.1 <i>Fig.:</i> 3.3-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-3, 5 to 9, 22, VR4-1, 15, 23, 24, 31, 65, 69, 70

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TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,151,889		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.3, 3.4.1.5, 3.6, 3.6.4, 3.7.2, 3.8.1, 4, 4.1, 4.1.1, 4.8, 4.8.4.1, 4.8.4.1.2, 4.8.4.2, 4.8.4.2.2, 5.2.1, 5.2.2 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.3-1, 3.4.1.5-1, 3.6-1, 3.6.4-1, 4-1, 4.1-1, 4.8-1, 4.8.4.1-1, 4.8.4.2-1, 5.2.1-1, 5.2.2 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2, 4.8.4.2.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 18, 22, 35, 39, 41, 42, VR4-1 to 3, 5, 9-1, 64, 69 to 74, 76, VR5-4, 7
7,155,111		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.7.2, 3.8.1, 4, 4.1.1, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.8-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, 42, VR4-1, 3, 4-2, 5, 64, 69, 71, 72, VR5-4
7,155,112		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.8.1, 4.8, 4.8.4, 4.8.4.1, 5.2.1, 5.4, 5.5.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 5.1.1-1, 5.4-1 <i>Tables:</i> 4.8.4.1-1, C-1 <i>Pages:</i> VR1-1, 3, VR2-7, 8, 12, VR3-5, 8, 9, 22, 42, VR4-64, 68 to 70, VR5-4, 29, 30, 32, VRX-C1
7,162,148		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.8.1, 4, 4.1, 4.2, 4.3, 4.4, 4.5, 4.7, 4.7.1, 4.7.3, 5.2.1 <i>Figs.:</i> 3.3-1, 4-1, 4.1-1, 4.2-1, 4.3-1, 4.4-1, 4.5-1, 4.7-1, 5.2.1-1 <i>Tables:</i> 4.7.1-1, 4.7.3-1, 5.2.1-1 <i>Pages:</i> VR1-1, VR2-6, 9, 12, VR3-3 to 6, 42, VR4-1, 2, 15, 36, 55, 56, 61 to 63, VR5-4, 5

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TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,167,634		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.7.2, 3.8.1, 4, 4.1, 4.1.1, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.1-1, 4.8-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, 42, VR4-1 to 3, 5, 9-1, 64, 69, 71, 72, VR5-4
7,184,650		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 3.8.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.2, 4.8.4.2.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 4-1, 4.1-1, 4.1.2-1, 4.3-1, 4.3.3-1, 4.3.3.3-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1 <i>Tables:</i> 4.1.2.2-1, 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.8.4.2.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8 to 10, VR3-1, 5, 6, 18, 42, VR4-1, 2, 10 to 13, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2
7,187,848		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.1, 4.4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2 <i>Annex:</i> H <i>Figs.:</i> 3.3-1, 4-1, 4.2.3-1, 4.4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, H.1-1, H.1-2, H.1-3 <i>Tables:</i> 4.2.3.3.1-1, 4.8.4.1.1-1, 4.8.4.1.2-1 <i>Pages:</i> VR1-1, VR2-4, VR3-5, VR4-1, 15, 23 to 25, 27, 28, 43, 55, 64, 68 to 71, VRX-H1 to H3

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TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,187,849		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.7.2, 3.8.1, 4, 4.1.1, 4.8, 4.8.4.1, 4.8.4.1.2, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 3.6-1, 4-1, 4.8-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, 42, VR4-1, 3, 5, 64, 69, 71, 72, VR5-4
7,197,230		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.1, 3.4.1.2, 3.4.1.5, 3.7.4, 3.8.1, 4, 4.1, 4.1.2, 4.1.2.1, 4.1.2.2, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.4, 4.2.3.3.4.3, 4.4, 4.5, 4.5.3, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.2, 5.2.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.2-1, 3.4.1.2-2, 3.4.1.5-1, 4-1, 4.1-1, 4.1.2-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, 5.2.1-1, 5.4-1 <i>Tables:</i> 4.1.2.1-1, 4.1.2.2-1, 4.1.2.2-2, C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 11, VR3-5, 9 to 14, 22, 41, 42, VR4-1, 2, 10, 11, 13 to 15, 23 to 25, 31, 35, 55 to 57, 64, 68 to 70, VR5-4, 29, 30, VRX-C1, C2
7,209,645		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.1, 4, 4.1, 4.1.1, 4.2, 4.2.3, 4.2.3.3.1, 4.4, 4.8, 4.8.2, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2 <i>Figs.:</i> 3.3-1, 4-1, 4.2.3-1, 4.4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1 <i>Tables:</i> 4.1.1-1, 4.2.3.3.1-1, 4.8.2-1, 4.8.4.1.1-1, 4.8.4.1.2-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-4, VR3-5, 42, VR4-1 to 5, 15, 23 to 25, 55, 64 to 66, 68 to 72

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TOSHIBA ESSENTIAL DVD-VR RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,212,732		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.8.1, 4, 4.4, 4.5, 4.7, 4.7.1, 4.7.3, 4.8, 4.8.1, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 3.4.1.5-3, 3.8.5-1, 4-1, 4.4-1, 4.5-1, 4.7-1, 4.8-1, 4.8.1-1, 5.2.1-1 <i>Tables:</i> 4.7.1-1, 4.7.3-1, 5.2.1-1 <i>Pages:</i> VR1-1, VR2-4, 6, 8, 9, 12, VR3-3 to 6, 22, 24, 42, 47, VR4-1, 55, 56, 61 to 65, VR5-4, 5
7,215,877		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.8.1, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.1, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 4.7, 4.7.1, 4.7.3, 5.2.1 <i>Figs.:</i> 3.3-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.7-1, 5.2.1-1 <i>Tables:</i> 4.2.3.3.1-1, 4.2.3.3.4.2-1, 4.7.1-1, 4.7.3-1, 5.2.1-1 <i>Pages:</i> V1-1, VR2-6, 9, 12, VR3-3 to 5, 6, 42, VR4-1, 15, 23 to 25, 27, 28, 31, 34, 35, 61 to 63, VR5-4, 5
7,221,854		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.8.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.5, 4.5.2, 4.6, 4.6.2, 4.6.3 <i>Annex:</i> C, F.1, F.2, F.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.1-1, 4.1.2-1, 4.5-1, 4.6-1, F.3-1 <i>Tables:</i> 4.1.2.2-1, 4.5.2-1, 4.6.2-1, 4.6.3-1, C-1 <i>Pages:</i> VR1-1, VR2-7, VR3-5, 7, 9, 10, 42, VR4-1, 2, 10 to 13, 56 to 60, VRX-C1, C2, F1 to F3