

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

HITACHI ESSENTIAL DVD-VIDEO RECORDING DISC 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
6,002,834		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.4.1.2, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 5.5.1 <i>Figs.:</i> 3.4.1.2-3, 4.2.3.3.4-2 <i>Tables:</i> 5.5.1.2-1, C-1 <i>Pages:</i> VR1-1, 3, VR3-1, 10 to 15, VR4-31, 32, 34, 35, VR5-32, 34, VRX-C1
6,009,237		1, 3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.4.1.2, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 5.5.1 <i>Figs.:</i> 3.4.1.2-3, 4.2.3.3.4-2 <i>Tables:</i> 5.5.1.2-1, C-1 <i>Pages:</i> VR1-1, 3, VR3-1, 10 to 15, VR4-31, 32, 34, 35, VR5-32, 34, VRX-C1
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

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

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HITACHI ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,493,504		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 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> 4.3.3.3.2-1 to 4.3.3.3.2-4, 5.2-1, C-1 <i>Pages:</i> VR1-1, VR3-1, 6, 32, 33, 44, VR4-1, 36, 41, 43, 45 to 48, VR5-4, VRX-C1

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HITACHI/PANASONIC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,594,442		1	DVD-Video Recording, Part 3: <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

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JVC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,141,491		1	<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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 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, 3.4.1.2-3, 3.4.1.2-4, 4-1, 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, 13 to 17, 25, VR4-1, 15, 23 to 25, 31 to 34
6,788,881		1	<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, 5.5.2, 5.5.1.1.1, 5.5.1.2 <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, 5.5.1-1, 5.5.2-1 <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, 32, 33, 34, 41
7,447,419		1	<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, 5.5.2, 5.5.1.1.1, 5.5.1.2 <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, 5.5.1-1, 5.5.2-1 <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 to 26, VR5-1, 4, 32 to 34, 41

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MITSUBISHI ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
5,268,846		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
5,434,716		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
5,878,183		2	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 5.1, 5.5.1, 5.5.2 <i>Fig.:</i> 3.5.1.2.1-1 <i>Tables:</i> 5.1-2, 5.5.2.3-1 <i>Pages:</i> VR1-1, 3, VR3-28, VR5-1, 32, 41, 45
6,539,164		21	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.4, 3.4.1.1, 3.4.1.5, 4, 4.2.3.3.4, 4.2.3.3.4.2, 4.8, 4.8.4.1.1, 5.2.1, 5.3.1, 5.5.1, 5.5.1.1, 5.5.1.1.1, 5.5.1.2, 5.5.1.2.1 <i>Figs.:</i> 3.4.1.5-2, 4-1, 4.8-1, 5.2.1-1 <i>Tables:</i> 4.2.3.3.4.2-1, 4.8.4.1.1-1, 5.2.1-1 <i>Pages:</i> VR1-1, 3, VR2-4, 6, 12, VR3-7 to 9, 23, 24, VR4-1, 31, 34, 64, 69, 70, VR5-4, 5, 9, 32 to 37

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PANASONIC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
5,905,845		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 3.1, 3.4.1.1, 3.5.1, 3.5.1.2, 3.5.1.2.1, 3.5.1.2.2, 5.2.1, 5.4 <i>Annex:</i> A.1 <i>Figs.:</i> 3.4.1.2-1, 3.5.1.2.1-1, 3.5.1.2.2-1, 5.2.1-1, 5.4-1 <i>Tables:</i> 5.4-1, A.1-4 <i>Pages:</i> VR3-2, 9, 25, 27 to 31, VR5-4, 29, 30, VRX-A1
5,923,869		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 3.4.1.1, 3.5.1.2.1, 3.5.1.2.2, 4.2.3.3.1, 5.3 <i>Figs.:</i> 3.4.1.1-1, 3.5.1.2.1-1, 3.5.1.2.2-1, 5.3.1-1 <i>Pages:</i> VR3-9, 27 to 31, VR4-25, 27 to 29, VR5-9
6,078,727		1	<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		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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.5.1.2.1, 3.5.2, 5.1, 5.2.2, 5.3.1, 5.3.2 <i>Figs.:</i> 3.5.1.2.1-1, 3.5.2-1, 5.2.2-1, 5.3.1-1 <i>Table:</i> 5.1-1 <i>Pages:</i> VR1-1, VR3-27, 28, 32, 33, VR5-1, 7 to 9, 11, 12

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PANASONIC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Recording Specification
6,148,140		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 3.5.1.2.2, 4.2.3.3, 4.2.3.3.1, 4.2.3.3.3 <i>Annex:</i> H.3 <i>Figs.:</i> 3.5.1.2.2-1, 4.2.3.3-1, H.3-4, H.3-5 <i>Tables:</i> 4.2.3.3.1-1, 4.2.3.3.3-1 <i>Pages:</i> VR-29 to 31, VR4-24, 25, 27, 30-2, VRX-H7, H8
6,173,113		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4.1.1, 3.5, 3.5.1, 4, 4.2.3.3.3, 5.2.1, 5.5.2.1 <i>Annex:</i> A.2 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.5.1.2.1-1, 5.2.1-1, H.3-2 <i>Table:</i> A.1-3 <i>Pages:</i> VR1-1, VR3-5, 9, 25, 28, VR4-1, 30-2, VR5-4, 42, VRX-A1, A2, H6
6,181,870		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 3.4.1.5, 3.5, 3.5.1, 4, 4.4, 4.5, 4.8, 4.8.4.1, 5.2.1 <i>Annex:</i> H.1, H.2 <i>Figs.:</i> 3.4.1.1-1, 3.4.1.2-4, 3.4.1.5-1, 4-1, 4.4-1, 4.5-1, 4.8-1, H.1-3, H.2-1 <i>Table:</i> 4.8.4.1.1-1 <i>Pages:</i> VR1-1, VR3-1, 2, 5, 7 to 10, 15 to 17, 22 to 25, VR4-1, 55, 56, 64, 69, 70, VR5-4, VRX-H1 to H4
6,229,955		1	<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
6,253,026		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4.1.2, 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>Figs.:</i> 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 <i>Pages:</i> VR1-1, VR3-5, 13, VR4-31 to 35, VR5-4, 32

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PANASONIC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Recording Specification
6,263,155		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4.1.2, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 5.2.1, 5.5.1 <i>Figs.:</i> 3.3-1, 4.2.3.3.4-1, 5.2.1-1, 5.5.1-1 <i>Tables:</i> 4.2.3.3.4.1-1, 4.2.3.3.4.2-1, 5.2-1 <i>Pages:</i> VR1-1, VR3-5, 13, VR4-31, 32, 34, 35, VR5-4, 32
6,266,483		1	<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, 4.3.3.3.1-1 <i>Pages:</i> VR1-1, VR3-7 to 10, 18, 19, 21, 25, VR4-24 to 35, 42, 43 to 50, 64, 69, 73, VR5-4, 7
6,272,286		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 5.2.1, 5.2.2, 5.5.4, 5.5.4.2 <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, VR3-1, VR5-4, 5, 7, 74, 77, 78
6,278,839		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <i>Figs.:</i> 5.1-1, 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, VR3-1, VR5-1 to 7, 28, 74, 77, 78
6,285,826		1	<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

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U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,285,827		10	<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
6,347,187		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.4.1.1, 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> 3.4.1.1-1, 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>Table:</i> 4.2.3.3.4.2-1 <i>Pages:</i> VR1-1, VR3-9, VR4-31 to 35, 64, 68 to 70, VR5-4, 32
6,353,704		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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <i>Figs.:</i> 5.1-1, 5.2.1-1, 5.2.2-1, 5.3.5-1 <i>Tables:</i> 5.5.4-1, 5.5.4.2-1 <i>Pages:</i> VR1-1, VR3-1, 5, VR5-1 to 7, 28, 74, 77 to 79
6,370,325		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

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PANASONIC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Recording Specification
6,374,037		1	<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> 1.1, 1.2 <i>Figs.:</i> 3.3-1, 4.2.3.3-1, 1.2-1 <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, VR5-1, VRX-11, 12
6,374,041		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 5.2.1, 5.2.2, 5.5.4, 5.5.4.2 <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, VR3-1, VR5-4, 5, 7, 74, 77, 79
6,374,042		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <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, VR3-1, VR5-1 to 7, 28, 74, 77, 78
6,377,747		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 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> VR2-6, 9, 12, VR3-5, VR4-1, 2, 15, 16, 18, 19
6,385,394		1	<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-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Recording Specification
6,400,893		1	<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
6,424,797		1	<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
6,442,337		1	<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, 4.3.3.2, 4.3.3.3, 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, 42, 43, 64, 68 to 70, 73, 74, VR5-4, 7
6,456,780		13	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.3, 3.4, 3.4.1.2, 3.5, 3.5.1, 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, 5.4, 5.5.2 <i>Annex:</i> C, I <i>Figs.:</i> 3.3-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.1-1, 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 to 5.1-4, 5.2-1, C-2 <i>Pages:</i> VR1-1, 3, VR2-4, VR3-1, 5, 7, 10, 25, 42, VR4-1, 15 to 26, VR5-1, 3, 4, 9, 16, 17, 29, 30, 41, VRX-C3, I1 to I4

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

PANASONIC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Recording Specification
6,470,140		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4, 3.4.1.3, 3.4.1.5, 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, 4.8.4.2.2-1, 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, 5 to 7, 18, 24, VR4-1, 36, 41, 43, 45, 56, 64, 68, 73 to 75, VR5-7, 11
6,477,320		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <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, VR3-1, VR5-1 to 7, 28, 74, 77, 78
6,480,828		1	<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>Figs.:</i> 3.3-1, 4.2.3.3-1, I.2-1 <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, VR5-1, VRX-I1, I2
6,493,505		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.4, 3.4.1.1, 3.4.1.5, 3.5, 3.5.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.4, 4.5, 4.8, 4.8.4.1, 5.2.1 <i>Annex:</i> D.1, D.1.2, D.1.3 <i>Figs.:</i> 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 <i>Table:</i> 4.8.4.1.1-1 <i>Pages:</i> VR1-1, VR2-7, 8, VR3-1, 5, 7 to 10, 22 to 25, VR4-1, 2, 10 to 12, 55, 56, 64, 69, 70, VR5-4, VRX-D1, D2

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PANASONIC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,519,410		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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4, 3.4.1.1, 3.4.1.3, 3.4.1.5, 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, 11, VR3-1, 5 to 7, 9, 18, 22, 24, VR4-1, 15, 23 to 25, 31, 32, 36, 41, 43, 45, 64, 68 to 71, 73 to 75, VR5-4, 7
6,529,682		1	<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>Figs.:</i> 3.3-1, 4.2-1, 4.2.3.3-1, I.2-1 <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, 22, 24 to 26, 28, VR5-1, VRX-I1, I2
6,591,059		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <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, VR3-1, VR5-1 to 7, 28, 74, 77, 79

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

PANASONIC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Recording Specification
6,611,655		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 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, 9, 12, VR3-5, VR4-1, 2, 15, 16, 18, 19
6,665,491		1	<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
6,678,466		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 2.4, 3.1, 3.3, 3.4, 3.5, 3.8.1, 4.2.2, 4.2.3.3, 4.2.3.3.1, 5.1, 5.2.1, 5.3.1, 5.3.3, 5.5.2 <i>Annex:</i> I, I.1, I.3 <i>Figs.:</i> 3.3-1, 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, VR3-1, 5 to 7, 25, 42, VR4-16 to 22, 24 to 26, VR5-1, 3, 4, 9, 16, 17, 41, VRX11 to I4
6,681,077		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 4, 4.1, 4.2, 4.2.2, 4.2.3, 4.2.3.3.1 <i>Figs.:</i> 3.3-1(a), 3.3-1(b), 4-1, 4.1-1, 4.2-1, 4.2.3-1 <i>Tables:</i> 4.2.2-1, 4.2.3.3.1-1 <i>Pages:</i> VR1-1, VR2-6, 9, 12, VR3-5, VR4-1, 2, 15, 16, 18, 19, 23, 25, 28
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

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PANASONIC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Recording Specification
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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 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>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>Tables:</i> 4.2.3.3.4.2-1, 4.8.4.1.1-1 <i>Pages:</i> VR1-1, 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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 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, VR3-1, 5, 6, 8, 11, VR4-1, 15, 23, 24, 25, 31, 32, 34, 35, VR5-4, 32
7,088,912		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 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> 4.2.3.3.4.2-1 <i>Pages:</i> VR1-1, VR3-1, 5, 6, 8, 11, 15, 16, VR4-1, 15, 23, 24, 25, 31, 32, 33, 34, 35, VR5-4, 32

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

PANASONIC ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Recording Specification
7,103,262		7	<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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 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, VR3-1, 5, 6, 8, 11, 32, VR4-1, 15, 23, 24, 25, 31, 32, 34, 35, VR5-4, 32
7,155,113		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.3.5, 5.5.4, 5.5.4.2 <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, VR3-1, VR5-1 to 7, 28, 74, 77, 78
7,158,715		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 5.1, 5.2, 5.2.1, 5.2.2, 5.5.4, 5.5.4.2 <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, VR3-1, VR5-1 to 7, 74, 77, 79

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SAMSUNG ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,640,046		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> 1.1, 1.2 <i>Figs.:</i> 3.3-1, 4.2-1, 4.2.3.3-1, 5.2.2-1, 1.2-1 <i>Table:</i> 4.2.3.3-1 <i>Pages:</i> VR1-1, VR2-4, VR3-5, VR4-15, 24, 26, VR5-7, VRX-11 to 13
6,721,493		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, 42, VR4-43 to 48, 73, 74
6,728,474		19	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 3.5.2, 3.8.1, 3.8.3, 4.3.3.3, 4.3.3.3.2, 4.3.5.3 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.3-1, 3.4.1.3-2, 3.5.2-1, 4.3.3.3-1 <i>Tables:</i> 4.3.3.3.2-3, 4.3.3.3.2-4, 4.3.5.3.1-1, 4.3.5.3.2-1, C-1, C-4 <i>Pages:</i> VR1-1, VR2-10, VR3-5, 6, 18, 20, 32, 33, 42, 44, VR4-43, 47 to 49, 53, 54, VRX-C1, C5
6,757,476		38	<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 to 4.3.3.3.2-4 <i>Pages:</i> VR1-1, VR3-18, 20, VR4-43, 46 to 48, 51, 53

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

SAMSUNG ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,757,480		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.1, 3.3, 3.4.1.3, 4.3.3.3, 4.3.3.3.1, 4.3.3.3.2, 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, 4.3.3.3-1, 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, VR2-10, VR3-5, 6, VR4-43, 45 to 48, 73, 74, VR5-7, VRX-C1
6,795,637		22	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.8.3, 4.3.3.3, 4.3.3.3.2 <i>Annex:</i> C <i>Fig.:</i> 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, VR3-44, VR4-44 to 48, VRX-C1
6,804,456		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 3.5.2, 3.8.1, 4.3.3.3, 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, 4.3.5.3.2 <i>Figs.:</i> 3.3-1, 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> 4.3.3.3.2-3, 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, VR3-5, 6, 18, 20, 32, 33, 42, VR4-43, 47 to 49, 51 to 54, VRX-L1
6,873,785		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.2, 3.4.1.3, 4.3.3.3, 4.3.3.3.1, 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> 4.3.3.3.1-1, 4.3.3.3.2-1 to 4.3.3.3.2-4 <i>Pages:</i> VR1-1, VR3-4, 18 to 20, VR4-43, 44-1, 45 to 48, 51, 53
6,937,815		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

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SAMSUNG ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,039,295		4	<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
7,099,566		5	<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, 4.3.3.3.2-2, 4.3.3.3.2-3, 4.3.3.3.2-4 <i>Pages:</i> VR1-1, VR2-2, 9, 10, VR3-1, 5, 6, 18, VR4-43 to 48, 73, 74

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
5,721,720		1	DVD-Video Recording, Part 3: Secs.: 5.5.3, 5.5.3.2.1, 5.5.3.2.2 Pages: VR5-58, 61 to 63
5,758,007		2	DVD-Video Recording, Part 3: Secs.: 5.3.4, 5.5.3, 5.5.3.1, 5.5.3.2.2, 5.5.3.3 Figs.: 5.3.4-1, 5.5.3-1, 5.5.3-2 Tables: 5.3.4-1, 5.5.3.1-1 Pages: VR5-25 to 27, 58, 60, 62, 63, 68, 69
5,774,441		6	DVD-Video Recording, Part 3: Secs.: 5.2.1, 5.3.1 Figs.: 5.2.1-1, 5.3.1-1 Table: 5.2.1-1 Pages: VR5-4, 5, 9
5,845,021		1	DVD-Video Recording, Part 3: Secs.: 5.5.3.1, 5.5.3.2, 5.5.3.2.1, 5.5.3.2.2(a) Table: 5.5.3.2.1-1 Pages: VR5-60 to 62
5,995,667		1	DVD-Video Recording, Part 3: Secs.: 5.5.3, 5.5.3.1, 5.5.3.2.1, 5.5.3.2.2 Pages: VR5-58, 60 to 63
5,999,160		2	DVD-Video Recording, Part 3: Secs.: 5.5.3, 5.5.3.1, 5.5.3.3, 5.5.3.3.1 Fig.: 5.5.3-1 Tables: 5.5.3.1-1, 5.5.3.3-2, 5.5.3.3-3, 5.5.3.3.1-1 Pages: VR5-58, 60, 68 to 71
6,009,202		1	DVD-Video Recording, Part 3: Secs.: 5.5.3, 5.5.3.1, 5.5.3.2.1, 5.5.3.2.2 Pages: VR5-58, 60 to 63

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,011,867		1	DVD-Video Recording, Part 3: Secs.: 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.2.1, 5.5.3.2.2 Pages: VR5-58, 60 to 63
6,016,363		1	DVD-Video Recording, Part 3: Secs.: 5.5.3, 5.5.3.1, 5.5.3.2.1, 5.5.3.2.2 Pages: VR5-58, 60 to 63
6,016,364		1	DVD-Video Recording, Part 3: Secs.: 5.5.3, 5.5.3.1, 5.5.3.2.1, 5.5.3.2.2 Pages: VR5-58, 60 to 63
6,018,594		1	DVD-Video Recording, Part 3: Secs.: 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 Pages: VR5-58, 60 to 64
6,021,226		1	DVD-Video Recording, Part 3: Secs.: 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.2.1, 5.5.3.2.2 Pages: VR5-58, 60 to 63
6,047,086		1	DVD-Video Recording, Part 3: Secs.: 5.5.3, 5.5.3.1, 5.5.3.2, 5.5.3.2.1, 5.5.3.2.2 Pages: VR5-58, 60 to 63
6,075,921		17	DVD-Video Recording, Part 3: Secs.: 1.1, 1.2, 5.2.1, 5.2.2, 5.3.1, 5.3.2, 5.5.1, 5.5.1.3 Figs.: 5.2.1-1, 5.2.2-1, 5.3.1-1, 5.5.1-1 Table: 5.2.1-1 Pages: VR1-1, 3, VR5-4, 5, 7, 9, 11, 32, 37
6,081,208		1	DVD-Video Recording, Part 3: Secs.: 5.5.3, 5.5.3.2.1, 5.5.3.2.2 Pages: VR5-58, 61 to 63

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,094,414		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 4, 4.4, 4.5, 4.8, 4.8.3, 4.8.4, 4.8.4.1.1, 4.8.4.2.1, 5.2.1, 5.2.2 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.3-1, 3.4.1.4-1, 3.4.1.5-1, 4-1, 4.5-1, 4.8-1, 4.8.4-1 <i>Tables:</i> 4.8.4.1.1-1, 4.8.4.2.1-1, 5.2.1-1 <i>Pages:</i> VR2-12, VR3-5 to 7, 9, 22, VR4-1, 55, 56, 64, 68, 69, 73, VR5-4, 5, 7
6,112,009		24	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 1.2, 3.1, 3.4, 5.1, 5.2.1, 5.3, 5.3.2, 5.3.4 <i>Figs.:</i> 3.6.2-1, 5.2.1-1, 5.3.2-1, 5.3.4-1, 5.4-1 <i>Tables:</i> 5.1-3 to 5.1-5, 5.2.1-1, 5.3.2-2, 5.3.4-1, 5.4-1, C-2 to C-4 <i>Pages:</i> VR1-1, 3, VR3-1, 7, 37, VR5-3 to 5, 9, 11, 14, 15, 25, 26, 29, 30, VRX-C3 to C5
6,215,746		6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.8.2, 4, 4.7, 4.7.1, 4.7.3 <i>Figs.:</i> 3.3-1, 4-1 <i>Tables:</i> 4.7.1-1, 4.7.3-1 <i>Pages:</i> VR1-1, VR3-5, 43, VR4-1, 61 to 63
6,253,025		1	<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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 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> VR3-5, 9, VR4-1, 55, 58, 59, 60, 64 to 66, VRX-F1 to F3

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,289,166		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, 4.2.3, 4.2.3.3, 4.2.3.3.1, 4.8.4.1, 4.8.4.1.1, 5.2.1, 5.5.1 <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 <i>Pages:</i> VR1-1, VR2-8, 12, VR3-5, 8 to 10, 22, VR4-23 to 26, 69, 70, VR5-4, 32, VRX-H1 to H3
6,308,005		3	<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
6,339,672		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.7.4, 4, 4.8, 4.8.2 <i>Figs.:</i> 3.4.1.1-1, 4-1, 4.8-1 <i>Tables:</i> 4.8.2-1, 4.8.2-2 <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5, 7, 9, 41, VR4-1, 64 to 67
6,339,674		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 4, 4.8, 4.8.2 <i>Figs.:</i> 3.4.1.1-1, 4-1, 4.8-1 <i>Table:</i> 4.8.2-1 <i>Pages:</i> VR1-1, VR2-4, 8, 12, VR3-5, 7, 9, VR4-1, 64 to 66

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,341,196		5	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 3.4.1.5, 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, 4.8.4.2.1 <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> 4.2.3.2-1, 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, VR4-1, 15, 23 to 25, 31, 32, 35, 68 to 71, 73, 74
6,341,197		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 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, VR4-1, VRX-J1
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		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 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, VR4-1, 64, 68 to 70, 73, 74

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,360,056		4	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2, 3.3, 3.4.1.3, 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, 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, 4.8.4.2-1 <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, VR3-5, 18, 24, VR4-1, 36, 41 to 48, 56, 64, 68, 73, 74
6,360,057		11	<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, 4, 4.8, 4.8.2, 4.8.4.1, 4.8.4.1.1, 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, 4.8.4.1.1-1, 5.2.1-1 <i>Tables:</i> 4.8.2-1, 4.8.4.1.1-1, 4.8.4.1.2-2 <i>Pages:</i> VR1-1, VR2-5, 8, 9, 12, VR3-1, 3 to 5, 7 to 10, 22, 35, 41, VR4-1, 64, 65, 68 to 71, VR5-4
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

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
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
6,480,669		17	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.6, 3.7.2, 4, 4.8, 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, 4.8.4.1.1-1, 5.2.1-1 <i>Pages:</i> VR1-1, VR2-8, 9, 12, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, VR4-1, 64, 68, 69, VR5-4
6,519,413		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.6, 4.6.2, 4.6.3 <i>Annex:</i> F.1 to 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, 4.6.2-1, 4.6.3-1 <i>Pages:</i> VR1-1, VR2-7, VR3-5, 9, 10, VR4-1, 2, 10 to 13, 58 to 60, VRX-F1 to F3
6,529,681		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, 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

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,532,334		1	<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 <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 <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
6,532,336		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, 4.1.2, 4.1.2.2, 4.8, 4.8.2, 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, 4.1.2-1, 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, VR2-2, 9, 12, VR3-5, 7, 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
6,539,168		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.8.2, 4, 4.7, 4.7.3, 5.2.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4-1, 4.7-1, 5.2.1-1, 5.4-1 <i>Tables:</i> 4.7.3-1, 5.2.1-1, C-1 <i>Pages:</i> VR1-1, VR2-6, 7, 12, VR3-5, 43, VR4-1, 61, 63, VR5-4, 5, 29, 30, VRX-C2
6,542,694		20	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.4.1.1, 4, 4.4, 4.5, 4.6, 4.6.2, 4.6.3, 4.8, 4.8.1, 4.8.2 <i>Annex:</i> 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, 7 to 10, VR4-1, 55, 56, 58 to 60, 64 to 66, VRX-F1 to F3

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,546,192		1	<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, 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 <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 <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, VR4-1 to 3, 10, 11, 13, 14, 55 to 57, 64, 68 to 70, VR5-4
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		7	<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		1	<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, 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 <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 <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 <i>Pages:</i> VR1-1, VR2-4, 8, VR3-5, 9, 22, 41, VR4-1, 3, 7, 10, 11, 13, 14, 55 to 57, 64, 65, 67, VR5-4

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,553,182		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.4.1.1, 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 to 10, VR4-1, 55, 56, 58 to 60, 64 to 66, VRX-C2, F1 to F3
6,556,773		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, 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>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, 4.1.1-1, 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, VR2-8, 9, VR3-1, 3, 5, 7 to 9, 22, 35, VR4-1 to 3, 5, 10, 11, 13, 64 to 66, 68, 69, 71, 72, VR5-4
6,556,774		5	<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, 4, 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, 4.8.4.1-1, 4.8.4.1.1-1, 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, VR2-8, 9, 12, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, VR4-1, 64, 68, 69, 71, 72, VR5-4

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,556,777		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 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, VR4-1 to 3, 5, 55, 56, 58 to 60, 64 to 66, VRX-F1 to F3
6,560,405		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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>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 <i>Pages:</i> VR1-1, VR2-8, 10, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VR5-1, 4
6,560,406		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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>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 <i>Pages:</i> VR1-1, VR2-8, 10, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 49, 55, 56, 64, 68, 73, 74

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,560,407		12	<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> 4.1.1-1, 4.1.1-3, 5.1-1 <i>Pages:</i> VR1-1, VR2-7, 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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, VR2-8, 10, VR3-5, 18, VR4-1, 36, 41 to 48, 56, 61, 64, 68, 73 to 76
6,564,008		1	<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, 3.8.4, 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, 3, 5, 7 to 9, 22, 35, 45, VR4-1, 2, 10, 11, 13, 64 to 66, 68, 69, 71, 72, VR5-4
6,567,607		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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>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 <i>Pages:</i> VR1-1, VR2-10, VR3-5, 6, 18, VR4-1, 36, 41 to 49, 51, 52

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,571,309		1	<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		5	<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, 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, VR4-1, 15, 23 to 25, 31 to 35, 64, 69, 71, 72, VR5-4, VRX-C1
6,574,422		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.1, 3.3, 3.4.1, 4, 4.2.3.1, 5.1, 5.2, 5.2.1, 5.3.3 <i>Annex:</i> I.1 to I3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 5.2.1-1, I2-1 <i>Tables:</i> 4.2.3.3.1-1, 5.1-1 to 5.1-3, 5.2-1, 5.3.3-3 <i>Pages:</i> VR1-1, VR3-1, 5, 9, VR4-1, 25, 26, VR5-1 to 5, 23, 24, VRX-I1 to I3
6,577,811		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.5, 3.1, 3.3, 3.4, 3.4.1, 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 I3 <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 to 5.1-3, 5.2-1, 5.3.3-3 <i>Pages:</i> VR1-1, VR2-16, VR3-1, 5, 8 to 10, VR4-1, 25, 26, 55, 64 to 66, VR5-1 to 5, 23, 24, VRX-I1 to I3

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,577,812		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.5, 3.1, 3.3, 3.4.1, 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, 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 to 5.1-3, 5.2-1, 5.3.3-3 <i>Pages:</i> VR1-1, VR2-16, VR3-1, 5, 9, VR4-1, 25, 26, 55, 64 to 66, VR5-1 to 5, 23, 24, VRX-1 to I3
6,580,872		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 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, VR4-1, 15, 23, 25, 26, 55, 64, 68 to 71
6,584,277		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, 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, VR4-1, 2, 10, 11, 13, 56, 64, 69, 71, 72, VR5-4
6,594,725		8	<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 <i>Annex:</i> G, G1, L <i>Figs.:</i> 3.3-1, 3.6-1, 3.6.2-1, 3.6.2-2 <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, VRX-G1 to G4, L1, L2

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,603,923		3	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.5, 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, 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, 25, VR4-1, VR5-4, 5, 9, 28, 74, 80
6,609,175		1	<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 <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 <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
6,618,550		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2 <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 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4 <i>Pages:</i> VR1-1, VR2-10, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 48
6,628,892		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, 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, VR4-1, 64 to 66, 69, 71, VR5-4

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,651,135		1	<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 <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 <i>Tables:</i> 4.2.3.3.4.1-1, L-1, L-2, L-3 <i>Pages:</i> VR1-1, 4, VR2-1, 7, 42, VR3-5, 7 to 11, 12, 22, 35, 43, VR4-1, 15, 23 to 25, 31 to 34, 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
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, 4.4-1, 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

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
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, 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
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

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 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, VR3-5, 6, VR4-1, 36, 41 to 48, VRX-C1, C2
6,724,980		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, 10, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2
6,731,863		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 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, VR4-1, 2, 10, 11, 13, 58, 59, VRX-F3

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,738,560		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 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, 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
6,741,799		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 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, VR3-5 to 10, 15, VR4-15, 23, 24, 31, 36, 41
6,744,973		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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>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 <i>Pages:</i> VR1-1, VR2-10, VR3-5, 6, 18, VR4-1, 36, 41 to 48
6,751,403		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 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, VR4-1 to 3, 5, 10, 11, 13, VRX-F3

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,763,180		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, 10, VR3-5, 6, 18, VR4-1, 36, 41 to 43, 45 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2
6,798,976		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, 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, VR4-1, 3, 5, 64, 69, 71, 72, VR5-4
6,819,862		2	<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, 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, 5.5.1 <i>Annex:</i> 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, H.1-2 <i>Tables:</i> 4.2.3.3.1-1, 4.8.4.1-1 <i>Pages:</i> VR1-1, 3, VR2-8, 12, VR3-5, 7 to 9, 22, 23, VR4-15, 23 to 26, 64, 68 to 70, VR5-4, 32, VRX-H1, H2
6,892,023		1	<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

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,901,208		15	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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>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 <i>Pages:</i> VR1-1, VR2-8, VR3-5, 6, 18, VR4-1, 55, 56, 64, 68, 73 to 76
6,904,231		1	<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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2 <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 <i>Tables:</i> 4.3.3.3.2-1 to 4.3.3.3.2-4 <i>Pages:</i> VR1-1, VR2-10, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 48
6,907,187		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.2, 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, VR3-5 to 10, 15, VR4-15, 23, 24, 31, 36, 41
6,915,066		1	<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		2	<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>Table:</i> C-5 <i>Pages:</i> VR1-1, VR2-12, VR3-6, VR4-15, 23, 24, 31, 35, 68 to 70, VR5-4, 9, 28, 74, 76, VRX-C6

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
6,944,391		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, 3.6, 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, VR4-1, 3, 5, 64, 69, 71, 72, VR5-4
6,990,288		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 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, VR4-1, 15, 23 to 28, 30, 55, 64, 68 to 71, VRX-H1 to H3
6,996,329		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, 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, VR4-1 to 3, 5, 9-3, 64, 69, 71, 72, VR5-4
7,006,759		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 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, 55, 64 to 71

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,010,220		1	<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		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, 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, VR4-1, 3, 5, 64, 69, 71, 72, VR5-4
7,016,602		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.5, 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, VR4-1, 15, 36, 61 to 63, VR5-4, 5, 9, 28, 74, 80
7,024,099		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 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, VR4-1, 15, 23 to 25, 55, 64 to 71

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,031,598		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, 3.4.1.3, 3.4.1.5, 3.6, 3.6.4, 3.7.2, 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, VR4-1 to 3, 4-2, 5, 64, 69 to 74, 76, VR5-4, 7
7,039,296		3	<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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, 10, VR3-5, 6, 18, VR4-1, 36, 41, 43 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2
7,043,142		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 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, VR4-1, 15, 23 to 25, 55, 64, 68 to 71, VRX-H1 to H3

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,043,143		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, 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, VR4-1, 3 to 5, 64, 69, 71, 72, VR5-4
7,046,915		6	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 4, 4.1, 4.1.2, 4.1.2.2, 4.6, 4.6.2, 4.8, 4.8.2 <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, 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 <i>Pages:</i> VR1-1, VR3-5, 7, 9, 10, VR4-1, 2, 10, 11, 13, 58, 59, 64, 65, VRX-F3
7,050,702		1	<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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 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, 47, VR4-1, 55, 56, 61 to 64, VR5-4, 5

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TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,072,577		1	<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		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.8.2, 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, 43, VR4-1, 15, 23 to 25, 31, 33, VR5-1, 4, VRX-C1
7,076,155		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.8.2, 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, 43, VR4-1, 15, 23, 24, 31, 35, VR5-1, 4, VRX-C1
7,076,158		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 3.6, 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, VR4-1, 15, 23 to 25, 31, 33, VR5-4, 5, VRX-H5, H9

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,079,754		1	<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, 4.2.3.3.1, 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, 43, VR4-1, 15, 23 to 25, 55, 64, 68 to 72
7,092,617		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.8.2, 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, 43, VR4-1, 15, 23 to 25, 31, 34, VR5-1, 4, VRX-C1
7,106,950		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, VR2-10, VR3-5, 6, 8, 18, VR4-1, 36, 41, 43, 45 to 49, 51, 53, VRX-C1, C2
7,106,951		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, VR2-10, 11, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 49, 51, 53, 54, VR5-7, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,106,952		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, 10, 11, VR3-5, 6, 18, 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		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, 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, 10, VR3-5, 6, 18, 24, VR4-1, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2
7,116,896		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, 10, VR3-5, 6, 18, 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

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,123,817		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.8.2, 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, 43, VR4-1, 15, 23 to 25, 31, 33, VR5-1, 4, VRX-C1
7,127,155		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, 10, VR3-5, 6, 18, VR4-1, 2, 10 to 13, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2
7,136,574		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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>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 <i>Pages:</i> VR1-1, VR2-10, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 48, 51, 53, 54
7,146,096		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 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, VR3-3, 5 to 9, 22, 43, VR4-1, 15, 23, 24, 31, 69, 70

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,151,889		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, 3.4.1.3, 3.4.1.5, 3.6, 3.6.4, 3.7.2, 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>Annex:</i> C <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, C-1 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 18, 22, 35, 39, 41, VR4-1 to 3, 5, 9-1, 64, 69 to 74, 76, VR5-4, 7, VRX-C1
7,155,111		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, 4, 4.1.1, 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, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.8.4.1.2-2, C-1 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, VR4-1, 3, 4-2, 5, 64, 69, 71, 72, VR5-4, VRX-C1
7,155,112		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, 3.8.2, 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, 43, VR4-64, 68 to 70, VR5-4, 29, 30, 32, VRX-C1

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,162,148		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 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, VR4-1, 2, 15, 36, 55, 56, 61 to 63, VR5-4, 5
7,167,634		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, 4, 4.1, 4.1.1, 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, 4.1-1, 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, C-1 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, VR4-1 to 3, 5, 9-1, 64, 69, 71, 72, VR5-4, VRX-C1
7,184,650		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, 10, VR3-5, 6, 18, VR4-1, 2, 10 to 13, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,187,848		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 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>Tables:</i> 4.2.3.3.1-1, 4.8.4.1.1-1, 4.8.4.1.2-1 <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>Pages:</i> VR1-1, VR2-4, VR3-5, VR4-1, 15, 23 to 25, 27, 28, 55, 64, 68 to 71, VRX-H1 to H3
7,200,325		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, 4.1.1, 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, 4.1-1, 4.8-1, 4.8.4.1-1, 5.2.1-1 <i>Tables:</i> 4.1.1-1, 4.1.1-3, 4.8.4.1.2-2, C-1 <i>Pages:</i> VR1-1, VR2-8, 9, VR3-1, 3 to 5, 7 to 9, 22, 35, 41, VR4-1 to 3, 5, 64, 69, 71, 72, VR5-4, VRX-C1
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
7,212,732		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 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, 47, VR4-1, 55, 56, 61 to 65, VR5-4, 5

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,215,877		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.2, 3.3, 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> VR1-1, VR2-6, 9, 12, VR3-3 to 5, 6, VR4-1, 15, 23 to 25, 27, 28, 31, 34, 35, 61 to 63, VR5-4, 5
7,248,783		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.1, 3.4.1.5, 4, 4.1, 4.1.2, 4.1.2.2, 4.4, 4.5, 4.5.3, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 4.8.4.1.2, 5.2.1, 5.4 <i>Annex:</i> C, D.1, D.1.3 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 3.4.1.5-1, 4-1, 4.1-1, 4.1.2-1, 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> 4.1.2.2-1, 4.8.4.1.1-1, 4.8.4.1.2-1, C-1, D.1-1 <i>Pages:</i> VR1-1, VR2-4, 8, VR3-5, 9, 22, VR4-1, 2, 10, 11, 12, 55 to 57, 64, 68 to 71, VR5-4, 29, 30, VRX-C1, C2, D1, D2
7,269,337		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 3.3, 3.4, 3.4.1.1, 4, 4.4, 4.5, 4.8, 4.8.1, 4.8.2 <i>Figs.:</i> 3.3-1, 3.4.1.1-1, 4-1, 4.8-1 <i>Tables:</i> 4.8.1-1, 4.8.2-1 <i>Pages:</i> VR1-1, VR3-5, 7, 8, 9, 10, VR4-1, 55, 56, 64, 65, 66
7,289,719		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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>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 <i>Pages:</i> VR1-1, VR2-8, 10, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,289,723		1	<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, I.2, I3 <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>Table:</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
7,292,776		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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, 5.2.2 <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, 4.4-1, 4.5-1, 4.8-1, 4.8.4-1, 4.8.4.2-1, 5.2.1-1, 5.2.2-1 <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 <i>Pages:</i> VR1-1, VR2-8, 10, 11, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 73, 74, VR5-1, 4, 7
7,295,759		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 4, 4.3, 4.3.3, 4.3.3.3, 4.3.3.3.2, 4.4, 4.5, 4.8, 4.8.3, 4.8.4.1, 4.8.4.2, 4.8.4.2.1, 5.1, 5.2.1, 5.2.2 <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, 4.4-1, 4.5-1, 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> 4.3.3.3.2-1 to 4.3.3.3.2-4, 4.8.4.2.1-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-8, 10, 11, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 48, 55, 56, 64, 68, 69, 73, 74, VR5-1, 4, 7

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,352,957		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.8.2, 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, 4.2.3.3.4-1 <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, 6, 25, 43, VR4-1, 15, 23 to 25, 31, 33, VR5-1, 4, VRX-C1
7,352,958		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.8.2, 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, 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, 4.2.3.3.4-1 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.1-1, 4.2.3.3.4.2-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-5, VR3-5, 6, 25, 43, VR4-1, 15, 23 to 25, 31, 33, 34, VR5-1, 4, VRX-C1
7,362,953		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 4, 4.4, 4.5, 4.8, 4.8.2, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4-1, 4.8-1, 5.4-1 <i>Table:</i> C-1 <i>Pages:</i> VR1-1, VR2-8, 9, 11, 12, VR3-5 to 9, VR4-1, 55, 56, 64 to 66, VR5-29, 30, VRX-C1, C2
7,369,753		5	<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>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 <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

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,369,754		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 4, 4.2, 4.2.3, 4.2.3.2, 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, 5.1, 5.2.1, 5.3 <i>Annex:</i> I, I.4 <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.4-1 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.1-1, 4.2.3.3.4.2-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, VR3-5, 6, 25, VR4-1, 15, 23 to 26, 31, 34, 35, VR5-1, 4, 9, VRX-I1, I4
7,403,694		5	<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>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 <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
7,403,695		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.5, 3.7.4, 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 <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.4-1, 4.5-1, 4.8-1, 5.2.1-1 <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 <i>Pages:</i> VR1-1, VR2-8, VR3-5, 22, 41, VR4-1, 3, 7, 10, 11, 13, 14, 55 to 57, 64, 65, 67, VR5-4

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,403,697		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.8.2, 3.4, 4, 4.2, 4.2.3, 4.2.3.3, 4.2.3.3.1, 4.2.3.3.4, 4.2.3.3.4.3, 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, 4.2.3.3-1, 4.2.3.3.4-1, 4.4-1, 4.8-1, 4.8.4-1, 4.8.4.1-1, H.1-1 to 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 to 7, 43, VR4-1, 15, 23 to 26, 28, 31, 35, 55, 64, 68 to 71, VRX-H1 to H3
7,406,251		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, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.3, 4.5, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4-1, 4.2.3.3-1, 5.4-1 <i>Tables:</i> 4.2.3.2-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 9, 22, 43, VR4-1, 15, 23 to 25, 36, 56, 68 to 70, VR5-29, 30, VRX-C1, C2
7,415,193		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,415,194		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, 3.6, 3.8.1, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.4, 4.5, 4.8, 4.8.1, 4.8.2, 4.8.3, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4-1, 4.2.3.3-1, 4.8-1, 5.4-1 <i>Tables:</i> 4.2.3.2-1, 4.8.3-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 9, 22, 35, 42, 43, VR4-1, 15, 23 to 25, 55, 56, 64 to 66, 68 to 70, VR5-29, 30, VRX-C1, C2
7,415,195		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, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.3, 4.5, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 4-1, 4.2.3.3-1, 5.4-1 <i>Tables:</i> 4.2.3.2-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 9, 22, 43, VR4-1, 15, 23 to 25, 36, 56, 68 to 70, VR5-29, 30, VRX-C1, C2
7,415,196		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, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.2.3.3.1, 4.2.3.3.4, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.8, 4.8.1, 4.8.2, 4.8.3, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.2.2, 5.4 <i>Annex:</i> C, I.1 <i>Figs.:</i> 3.3-1, 4-1, 4.2.3.3-1, 4.2.3.3.4-1, 4.8-1, 5.2.2-1, 5.4-1 <i>Tables:</i> 4.2.3.2-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 10, 12, VR3-5 to 9, 22, 43, VR4-1, 15, 23 to 26, 31, 35, 36, 55, 56, 64 to 66, 68 to 70, VR5-7, 29, 30, VRX-C1, C2, I1

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,415,197		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 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, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4-1, 4.2.3.3-1, 4.8-1, 5.4-1 <i>Tables:</i> 4.2.3.2-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-8, 9, 12, VR3-5, 6, 35, 42, 43 VR4-1, 15, 23 to 25, 55, 64 to 66, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,426,334		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.3, 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 <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, C-1 <i>Pages:</i> VR1-1, VR2-10, VR3-5, 6, 18, VR4-1, 36, 41, 43, 45 to 48, 51, 53, 54, VRX-C1, C2
7,426,335		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-4 to 6, 8, 9, 35, 42, 43, VR4-1, 64, 68, VR5-28 to 30, 74, 76, VRX-C1, C2
7,426,336		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 5.1, 5.2.1 <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, 4.2.3.3.4.2-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34, 35, VR5-1, 4

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,428,371		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.2.3.3.1, 4.2.3.3.3, 4.2.3.3.4, 4.2.3.3.4.2, 4.2.3.3.4.3, 5.1, 5.2.1, 5.3 <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, 4.2.3.3.1-1, 4.2.3.3.4.2-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 27, 30-2, 31, 34, 35, VR5-1, 4, 9
7,457,523		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.6.2, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2.1 <i>Annex:</i> G, G.3 <i>Figs.:</i> 3.3-1, 3.6.2-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1, G.3-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, 37, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4, VRX-G1, G6
7,483,623		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4
7,493,025		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, 3.6, 3.8.1, 3.8.2, 4, 4.1, 4.1.1, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.5, 4.8, 4.8.2, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4-1, 4.2.3.3-1, 4.8-1, 5.4-1 <i>Tables:</i> 4.1.1-1, 4.2.3.2-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 9, 22, 35, 42, 43, VR4-1 to 3, 5, 15, 23 to 25, 56, 64 to 66, 68 to 70, VR5-29, 30, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,493,026		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, 3.6, 3.8.1, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.4, 4.5, 4.5.3, 4.8, 4.8.1, 4.8.2, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4-1, 4.2.3.3-1, 4.8-1, 5.4-1 <i>Tables:</i> 4.2.3.2-1, 4.8.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 9, 22, 35, 42, 43, VR4-1, 15, 23 to 25, 55 to 57, 64 to 66, 68 to 70, VR5-29, 30, VRX-C1, C2
7,493,027		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, 3.6, 3.8.1, 3.8.2, 4, 4.2, 4.2.3, 4.2.3.2, 4.2.3.3, 4.5, 4.5.3, 4.8, 4.8.1, 4.8.3, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.4 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4-1, 4.2.3.3-1, 4.5-1, 4.8-1, 5.4-1 <i>Tables:</i> 4.2.3.2-1, 4.8.1-1, 4.8.3-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5 to 9, 22, 35, 42, 43, VR4-1, 15, 23 to 25, 56, 57, 64, 65, 68 to 70, VR5-29, 30, VRX-C1, C2
7,509,023		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4
7,509,026		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.8.1, 4.8.3, 4.8.4, 5.1, 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, 4.8-1 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 4.8.1-1, 4.8.3-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, 64, 65, 68, VR5-1, 4

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,509,027		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.2, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.1-1, 4.2.3.3.4.2-1, 5.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 33 to 36, 55, 56, 58, 61, VR5-1, 4
7,509,028		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.5, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 5.1, 5.2.1 <i>Figs.:</i> 3.3-1, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5 to 7, 22, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, 64, VR5-1, 4
7,512,323		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2.1 <i>Annex:</i> J <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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4, VRX-J1

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,529,468		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.1, 2.4, 3.3, 3.4.1.2, 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, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C, H.3 <i>Figs.:</i> 3.3-1, 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, 4.8-1, 5.4-1, H.3-6 <i>Tables:</i> 4.2.3.3.4.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-1, 9, 12, VR3-5, 6, 10, 12, VR4-1, 15, 23 to 25, 31, 33, 35, 42, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2, VRX-H5, H9
7,529,469		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.1, 2.4, 3.3, 3.4.1.2, 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, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C, H.3 <i>Figs.:</i> 3.3-1, 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, 4.8-1, 5.4-1, H.3-6 <i>Tables:</i> 4.2.3.3.4.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-1, 9, 12, VR3-5, 6, 10, 12, VR4-1, 15, 23 to 25, 31, 33, 35, 42, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2, VRX-H5, H9
7,529,470		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,532,806		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 3.6.2, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 5.2.1 <i>Annex:</i> G, G.3, H.2, H.3 <i>Figs.:</i> 3.3-1, 3.6.2-1, 4-1, 4.2-1, 4.2.3-1, 4.2.3.3-1, 4.2.3.3.4-1 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1, 5.2-1, G.3-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, 37, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4, VRX-G1, G6, H4 to H9
7,536,081		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.2, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.1-1, 4.2.3.3.4.2-1, 5.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 33 to 36, 55, 56, 58, 61, VR5-1, 4
7,536,082		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,536,083		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,536,084		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,536,085		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,539,397		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,561,781		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4.1.2, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2.1 <i>Figs.:</i> 3.3-1, 3.4.1.2-1, 4-1, 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, 4.2.3.3.4.2-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, 6, 8, VR3-5, 6, 10, 14, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4
7,574,107		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 8, 35, 42, 43, VR4-1, 64, 68, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,574,108		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 8, 35, 42, 43, VR4-1, 64, 68, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,574,109		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.1, 2.4, 3.3, 3.4, 3.4.1.2, 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, 4.8, 4.8.4, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 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, 4.8-1, 5.4-1 <i>Tables:</i> 4.2.3.3.4.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-1, 9, 12, VR3-5, 6, 8, 10, 12, 35, 42, 43, VR4-1, 15, 23 to 25, 31, 33, 64, 68, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,574,110		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.1, 2.4, 3.3, 3.4, 3.4.1.2, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.2-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-1, 9, 12, VR3-5, 6, 8, 10, 12, 35, 42, 43, VR4-1, 64, 68, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,574,111		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 8, 35, 42, 43, VR4-1, 64, 68, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,574,112		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,580,616		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.5, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 5.1, 5.2.1 <i>Figs.:</i> 3.3-1, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5 to 7, 22, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, 64, VR5-1, 4

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,587,127		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 8, 35, 42, 43, VR4-1, 64, 68, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,587,128		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 8, 35, 42, 43, VR4-1, 64, 68, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,587,129		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.1, 2.4, 3.3, 3.4, 3.4.1.2, 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, 4.8, 4.8.4, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 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, 4.8-1, 5.4-1 <i>Tables:</i> 4.2.3.3.4.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-1, 9, 12, VR3-5, 6, 8, 10, 12, 35, 42, 43, VR4-1, 15, 23 to 25, 31, 33, 64, 68, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,587,130		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,606,467		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.1, 2.4, 3.3, 3.4.1.2, 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, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C, H.3 <i>Figs.:</i> 3.3-1, 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, 4.8-1, 5.4-1, H.3-6 <i>Tables:</i> 4.2.3.3.4.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-1, 9, 12, VR3-5, 6, 10, 12, VR4-1, 15, 23 to 25, 31, 33, 35, 42, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2, VRX-H5, H9
7,606,468		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,620,296		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 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, 4.3-1 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4
7,623,760		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.5.3, 4.6, 4.7, 4.8, 4.8.1, 4.8.3, 4.8.4, 5.1, 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, 4.8-1 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 4.8.1-1, 4.8.3-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55 to 58, 61, 64, 65, 68, VR5-1, 4
7,623,761		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,623,762		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,623,763		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4
7,623,764		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4
7,623,765		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.1, 2.4, 3.3, 3.4.1.2, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.2-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-1, 9, 12, VR3-5, 6, 10, 12, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,623,766		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 8, 35, 42, 43, VR4-1, 64, 68, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,627,231		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2
7,636,513		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, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5, 6, 8, 10, 22, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, VR5-1, 4
7,650,059		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.5, 3.5, 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, 4.2.3.3.4.3, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 5.1, 5.2, 5.2.1 <i>Figs.:</i> 3.3-1, 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 <i>Tables:</i> 4.2.3.2-1, 4.2.3.3.4.2-1, 5.1-1, 5.2-1 <i>Pages:</i> VR1-1, VR2-5, 8, VR3-5 to 7, 22, 25, VR4-1, 15, 23 to 25, 31, 34 to 36, 55, 56, 58, 61, 64, VR5-1, 4
7,711,246		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 2.4, 3.3, 3.6, 3.8.1, 3.8.2, 4, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.6-1, 4.8-1, 5.4-1 <i>Tables:</i> 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-9, 12, VR3-5, 6, 35, 42, 43, VR4-1, 64, 68 to 70, VR5-1, 4, 9, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,764,867		1	<p><b>DVD-Video Recording, Part 3:</b>  <i>Secs.:</i> 1.1, 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, 4.5, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1  <i>Annex:</i> C, H.1  <i>Figs.:</i> 3.3-1, 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, 5.4-1  <i>Tables:</i> 4.2.3.3.4.1-1, 5.1-1, C-1  <i>Pages:</i> VR1-1, VR2-1, 9, 12, VR3-5 to 10, 12, 22, 35, 42, 43, VR4-1, 15, 23 to 25, 31, 33, 56, 68 to 70, VR5-1, 4, 28 to 30, 74, 76, VRX-C1, C2, VRX-H1, H3</p>
7,773,861		1	<p><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, 3.8.2, 4, 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, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1  <i>Annex:</i> C  <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.5-1, 5.4-1  <i>Table:</i> C-1  <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5 to 9, 22, 43, VR4-1, 15, 23, 24, 31, 35, 55 to 57, VR5-4, 28 to 30, 74, 76, VRX-C1, C2</p>
7,773,862		1	<p><b>DVD-Video Recording, Part 3:</b>  <i>Secs.:</i> 1.1, 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, 4.4, 4.5, 4.5.3, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1  <i>Annex:</i> C  <i>Figs.:</i> 3.3-1, 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, 5.4-1  <i>Tables:</i> 4.2.3.3.4.1-1, 5.1-1, C-1  <i>Pages:</i> VR1-1, VR2-1, 8, 9, 11, 12, VR3-5 to 10, 12, 22, 35, 42, 43, VR4-1, 15, 23 to 25, 31, 33, 55 to 57, 68 to 70, VR5-1, 4, 28 to 30, 74, 76, VRX-C1, C2</p>

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,783,162		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, 3.8.2, 4, 4.4, 4.5, 4.5.3, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.5-1, 4.8-1, 5.4-1 <i>Table:</i> C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5 to 9, 22, 43, VR4-1, 55 to 57, 64, 68 to 70, VR5-4, 28 to 30, 74, 76, VRX-C1, C2
7,801,414		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, 3.8.2, 4, 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, 4.8.2, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.5-1, 4.8-1, 5.4-1 <i>Table:</i> C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5 to 9, 22, 43, VR4-1, 15, 23, 24, 31, 35, 55 to 57, 64 to 66, VR5-4, 28 to 30, 74, 76, VRX-C1, C2
7,805,060		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, 3.8.2, 4, 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, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.5-1, 5.4-1 <i>Table:</i> C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5 to 9, 22, 43, VR4-1, 15, 23, 24, 31, 35, 55 to 57, VR5-4, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,809,245		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.1, 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, 4.2.3.3.4.3, 4.5, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.1, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 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, 5.4-1 <i>Tables:</i> 4.2.3.3.4.1-1, 5.1-1, C-1 <i>Pages:</i> VR1-1, VR2-1, 8, 9, 12, VR3-5 to 10, 12, 22, 35, 42, 43, VR4-1, 15, 23 to 25, 31, 33, 35, 56, 68 to 70, VR5-1, 4, 28 to 30, 74, 76, VRX-C1, C2
7,813,622		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, 3.8.2, 4, 4.4, 4.5, 4.5.3, 4.8, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.5-1, 4.8-1, 5.4-1 <i>Table:</i> C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5 to 9, 22, 43, VR4-1, 55 to 57, 64, 68 to 70, VR5-4, 28 to 30, 74, 76, VRX-C1, C2
7,817,904		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, 3.8.2, 4, 4.4, 4.5, 4.5.3, 4.8, 4.8.2, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.5-1, 4.8-1, 5.4-1 <i>Table:</i> C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5 to 9, 22, 43, VR4-1, 55 to 57, 64 to 66, VR5-4, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,826,716		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, 3.8.2, 4, 4.4, 4.5, 4.5.3, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.5-1, 5.4-1 <i>Table:</i> C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5 to 9, 22, 43, VR4-1, 55 to 57, VR5-4, 28 to 30, 74, 76, VRX-C1, C2
7,826,717		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, 3.8.2, 4, 4.4, 4.5, 4.5.3, 4.8, 4.8.2, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.5-1, 4.8-1, 5.4-1 <i>Table:</i> C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5 to 9, 22, 43, VR4-1, 55 to 57, 64 to 66, VR5-4, 28 to 30, 74, 76, VRX-C1, C2
7,853,123		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, 3.8.2, 4, 4.4, 4.5, 4.5.3, 4.8, 4.8.2, 4.8.4, 4.8.4.1, 4.8.4.1.1, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1 <i>Annex:</i> C <i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.5-1, 4.8-1, 5.4-1 <i>Table:</i> C-1 <i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5 to 9, 22, 43, VR4-1, 55 to 57, 64 to 66, 68 to 70, VR5-4, 28 to 30, 74, 76, VRX-C1, C2

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
7,860,371		1	<p><b>DVD-Video Recording, Part 3:</b></p> <p><i>Secs.:</i> 1.1, 2.4, 3.3, 3.4, 3.4.1.1, 3.4.1.5, 3.8.2, 4, 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, 4.8.4.1.1, 5.2.1, 5.3.5, 5.4, 5.5.4, 5.5.4.1</p> <p><i>Annex:</i> C</p> <p><i>Figs.:</i> 3.3-1, 3.4.1.5-1, 4-1, 4.5-1, 4.8-1, 5.4-1</p> <p><i>Table:</i> C-1</p> <p><i>Pages:</i> VR1-1, VR2-4, 8, 9, 12, VR3-5 to 9, 22, 43, VR4-1, 15, 23, 24, 31, 35, 55 to 57, 64, 68 to 70, VR5-4, 28 to 30, 74, 76, VRX-C1, C2</p>

## SUMMARY REPORT OF ESSENTIAL DVD-VR DISC PATENTS

WARNER BROS. ESSENTIAL DVD-VIDEO RECORDING DISC PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Recording Specification
5,463,565		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.2, 2.4, 3.1, 3.4, 3.5, 3.5.1, 3.5.1.2.1, 5.1, 5.2, 5.2.1, 5.4 <i>Figs.:</i> 3.5.1.2.1-1, 5.4-1 to 5.4-3 <i>Tables:</i> 5.2-1, 5.4-1, 5.5.1.2-1, 5.5.2.2-1, 5.5.2.3-1 <i>Pages:</i> VR1-3, VR2-12, VR3-1, 7, 25, 27, 28, VR5-1, 4, 29 to 31, 34, 44, 45
5,619,424		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 3.1, 3.3, 3.8.2, 4.2.2 (RBP 0 to 1), 4.3.2 (RBP 0 to 1), 5.5.1, 5.5.1.2, 5.5.1.2.1 <i>Fig.:</i> 3.3-1 <i>Tables:</i> 4.2.2-1, 4.3.2-1, 5.5.1.2.1-1 <i>Pages:</i> VR3-1, 5, 43, VR4-16, 17, 38, VR5-32, 34, 35
6,487,365		1	<b>DVD-Video Recording, Part 3:</b> <i>Secs.:</i> 1.2, 2.4, 3.1, 3.4, 3.5, 3.5.1.2.1, 5.1, 5.2, 5.2.1, 5.4 <i>Figs.:</i> 3.5.1.2.1-1, 5.2-1, 5.4-2, 5.4-3 <i>Tables:</i> 5.4-1, 5.5.1.2-1, 5.5.2.3-1 <i>Pages:</i> VR1-3, VR2-12, VR3-1, 7, 25, 27, 28, VR5-1, 4, 29 to 31, 34, 35, 45