

SUMMARY REPORT OF ESSENTIAL DVD-VIDEO RECORDING PATENTS*

HITACHI ESSENTIAL DVD-VIDEO RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Specification
4,985,784		1	DVD-Video, Part 3: <i>Secs.:</i> 1.2, 3.3.1, 3.3.12.6, 5.3, 5.4.1 <i>Annex:</i> K.4 <i>Figs.:</i> 3.3.1-1, 3.3.12.5-1, 5.2.1-1, 5.3-2 <i>Pages:</i> VI1-2, VI3-12, 90, 92, VI5-9, 32, 34, 38, VI9-68

* 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.

SUMMARY REPORT OF ESSENTIAL DVD-VIDEO RECORDING PATENTS

JVC ESSENTIAL DVD-VIDEO RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Specification
5,016,010		2	DVD-Video, Part 3: <i>Secs.:</i> 5, 5.4.1, 5.4.1.2 <i>Table:</i> 5-2 <i>Pages:</i> VI5-1, 38, 40

SUMMARY REPORT OF ESSENTIAL DVD-VIDEO RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-VIDEO RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Specification
5,268,846	CA 2,061,128; EP 508,925 (DE, FR, GB, IT)	1	DVD-Video, Part 3: <i>Secs.:</i> 3.1.4, 3.2.1, 3.2.2, 3.3.1, 3.3.5, 3.3.12, 3.3.12.2, 4.2, 4.2.3, 4.2.9, 4.3.1, 4.3.5, 4.4, 4.5, 5, 5.1, 5.1.1, 5.2.2 <i>Figs.:</i> 3.1.4-1, 3.2.2-1, 3.3.1-1, 3.3.5-1, 3.3.12-1, 4-1, 4.2-1, 4.2.3-1, 4.2.9-1, 4.3.1-1, 4.5-1, 5.1-1, 5.2.2-1 <i>Tables:</i> 4.2.9-2, 4.3.5-1, 4.5-1, 5-1 <i>Pages:</i> VI3-4, 7, 8, 12, 26, 79, 83, VI4-1, 38, 61, 79, 80, 83, 99, 100, 103, 106 to 131, 133 to 152, VI5-1, 3, 5, 11
5,309,290		1	DVD-Video, Part 3: <i>Sec.:</i> 1.2 <i>Tables:</i> 5-2, 5.4.2.3-1 <i>Pages:</i> VI1-2, VI5-1, 53
5,434,716		11	DVD-Video, Part 3: <i>Sec.:</i> 1.2 <i>Tables:</i> 5-2, 5.4.2.3-1 <i>Pages:</i> VI1-2, VI5-1, 53
5,488,418	SG 65,702	1	DVD-Video, Part 3: <i>Secs.:</i> 5.2.1, 5.4 <i>Fig.:</i> 5.2.1-2 <i>Table:</i> 5.2.1-1 <i>Pages:</i> VI5-9, 38
5,488,482	EP 554,086 (DE, FR, GB, NL); EP 1,137,280 (DE, FR, GB, NL)	6	DVD-Video, Part 3: <i>Secs.:</i> 5.1.1, 5.2.1, 5.4.1 <i>Fig.:</i> 5.4.1-1 <i>Pages:</i> VI5-5, 9, 38

SUMMARY REPORT OF ESSENTIAL DVD-VIDEO RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-VIDEO RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Specification
5,793,432		2	DVD-Video, Part 3: <i>Secs.:</i> 5.2, 5.2.1, 5.4, 5.4.1, 5.4.1.2 <i>Figs.:</i> 5.2.1-1, 5.2.1-2, 5.4.1-1 <i>Tables:</i> 5.2.1-1, 5.4.1.2-1 <i>Pages:</i> VI5-9, 10, 38, 40
(6,539,164) ¹	DE 19,539,400; GB 2,294,173	21	DVD-Video, Part 3: <i>Secs.:</i> 1.1, 1.2, 2.4.15, 2.4.16, 2.4.20, 2.4.42, 2.4.43, 2.4.49, 2.4.106, 3.3.5, 3.3.5.1, 3.3.6.2, 3.3.9.3, 3.3.12, 4.2.3, 4.3, 4.3.1, 4.3.5, 4.4, 4.4.3, 4.4.3.1, 4.4.3.3, 4.6.1.2, 5, 5.1, 5.2.1, 5.2.2, 5.4.1, 5.4.1.1, 5.4.1.2 <i>Annex:</i> J.1.27 <i>Figs.:</i> 3.3.5-1, 3.3.6.2-1, 3.3.6.2-2, 3.3.12-1, 4.2.3-1, 4.3.1-1, 4.3.5-1, 4.4.3-2, 5.1-1 <i>Tables:</i> 4.3.5-1, 4.6.1.2-1, 5.1-1 <i>Pages:</i> VII-1, 2, VI2-5, 6, 9, 11, 20, VI3-26, 30, 31, 58, 79, VI4-61, 83, 99, 100, 103, 106, 113, 122 to 129, 156, 157, 161, VI5-1, 3, 9, 11, 38 to 40, VIX-58
6,549,717		1	DVD-Video, Part 3: <i>Secs.:</i> 1.1, 1.2, 2.4.106, 4.5, 4.5.1, 5, 5.1, 5.1.1, 5.2.2, 5.2.3, 5.4.1, 5.4.1.1, 5.4.1.2 <i>Annex:</i> N <i>Figs.:</i> 4.5.1-1, 5.1-1, 5.2.2-1 <i>Tables:</i> 4.5-1, 4.5.1-1, 5-1, 5.1-1, 5.1.1-1, 5.1.1-3, 5.2.2-1, 5.2.2-2, 5.2.2-3, N-1 <i>Pages:</i> VII-1, 2, VI2-20, VI4-133 to 135, VI5-1, 3 to 7, 11 to 14, 38 to 40, VIX-77

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

SUMMARY REPORT OF ESSENTIAL DVD-VIDEO RECORDING PATENTS

MITSUBISHI ESSENTIAL DVD-VIDEO RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Specification
	EP 558,306 (DE, GB)	EP claim 1	<i>Secs.:</i> 1.1, 1.2, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 4, 4.1, 4.1.1, 4.2, 4.2.1 <i>Figs.:</i> 3.1.1-1, 3.1.4-1, 4-1, 4.1-1, 4.2-1 <i>Tables:</i> 4.1.1-1, 4.2.1-1 <i>Pages:</i> VI1-1, 2, VI3-1, 2, 3, 4, VI4-1, 2, 3, 9, 38, 39, 43, 48

SUMMARY REPORT OF ESSENTIAL DVD-VIDEO RECORDING PATENTS

PANASONIC ESSENTIAL DVD-VIDEO RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Specification
5,745,645		1	DVD-Video, Part 3: <i>Secs.:</i> 3.3.1, 5.4.1.2 <i>Annex:</i> K.1, K.1.1 <i>Pages:</i> VI3-12, VI5-40, VIX-64
5,949,956		1	DVD-Video, Part 3: <i>Table:</i> 5.4.1.2-1 <i>Page:</i> VI5-40

SUMMARY REPORT OF ESSENTIAL DVD-VIDEO RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) – (U.S.)	DVD-Video Specification
5,758,007	EP 806,868 (DE, FR, GB); HK 1,014,418; KR 215,626; KR 253,729	2	DVD-Video, Part 3: <i>Secs.:</i> 5.1, 5.2.5, 5.4.3, 5.4.3.1, 5.4.3.2, 5.4.3.2(a), 5.4.3.2(b), 5.4.3.3, 5.4.3.3(7) <i>Figs.:</i> 5.1-1, 5.2.5.-1, 5.4.3-1, 5.4.3-2, 5.4.3.2-1 <i>Tables:</i> 5.2.5-1, 5.4.3.1-1, 5.4.3.2-1, 5.4.3.3-1, 5.4.3.3-2 <i>Pages:</i> VI5-3, 28, 29, 66, 68 to 71, 78, 83
5,774,441	EP 676,895 (DE, FR, GB)	6	DVD-Video, Part 3: <i>Secs.:</i> 3.3.1, 3.3.12.2, 5.1.1, 5.2.1 <i>Annex:</i> K.2.2 <i>Fig.:</i> 5.1-1 <i>Pages:</i> VI3-12, 83, VI5-3, 5, 9, VIX-65
5,845,021	EP 720,347 (DE, FR, GB) (Lapsed in AT, BE, CH, DK, ES, GR, IE, IT, LI, LU, NL, SE); HK 1,014,416; KR 227,932; NO 314,377; PH 1-1998-002080; RU 2,158,487	1	DVD-Video, Part 3: <i>Secs.:</i> 5.4.3.1, 5.4.3.2, 5.4.3.2(a) <i>Table:</i> 5.4.3.2-1 <i>Pages:</i> VI5-68, 70
6,895,171		1	DVD-Video, Part 3: <i>Secs.:</i> 1.1, 2.4.69, 2.4.71, 3.1.4, 3.2.1, 3.2.2, 3.3.7.1, 3.3.8.4, 4, 4.2, 4.2.3, 4.3.1, 4.3.2, 4.3.2(6), 4.3.5 <i>Annex:</i> J.1.8, J.1.10 <i>Figs.:</i> 3.1.4-1, 3.2.1-1, 3.2.2-1, 3.3.7.1-1, 4-1, 4.2-1, 4.2.3-1, 4.3.1-1, 4.3.5-1 <i>Tables:</i> 4.2.3-1, 4.3.2-1, 4.3.5-1 <i>Pages:</i> VI1-1, VI2-14, VI3-4, 7, 8, 38, 39, 49, VI4-1, 38, 61, 62, 83, 84, 92, 93, 99, 100, VIX-54

SUMMARY REPORT OF ESSENTIAL DVD-VIDEO RECORDING PATENTS

TOSHIBA ESSENTIAL DVD-VIDEO RECORDING PATENTS			
U.S. Patent Number	Reported Counterpart(s)	Representative Claim(s) - (U.S.)	DVD-Video Specification
7,203,414		1	<p>DVD-Video, Part 3:</p> <p><i>Secs.:</i> 1.1, 2.4.15, 2.4.69, 2.4.71, 3.1.4, 3.2.1, 3.2.2, 3.3.7.1, 3.3.8.4, 4, 4.2, 4.2.3, 4.3.1, 4.3.2, 4.3.2(6), 4.3.4, 4.3.5, 5.1, 5.1.1</p> <p><i>Annex:</i> J.1.8</p> <p><i>Figs.:</i> 3.1.4-1, 3.2.1-1, 3.2.2-1, 3.3.7.1-1, 4-1, 4.2-1, 4.2.3-1, 4.3.1-1, 4.3.4-1, 4.3.5-1, 5.1-1</p> <p><i>Tables:</i> 4.2.3-2, 4.3.2-1, 4.3.5-1</p> <p><i>Pages:</i> VI1-1, VI2-5, 14, VI3-4, 7, 8, 38, 39, 49, VI4-1, 38, 61, 62, 83, 84, 92, 93, 99, 100, VI5-3, 5 VIX-54</p>