

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

| HITACHI ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |  |
|--|-------------------------|----------------------------------|--|
| U.S. Patent Number                       | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| 4,646,103                                |                         | 4                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 1.5.28, 3.2.9, 3.3.1, 4.2.1<br/> <i>Figs.:</i> 2.1.7.2-1, 4.2.1-2<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH-7, 38, 72, 73, 75, 97, 98</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 1.5.28, 3.2.9, 3.3.1, 4.2.1<br/> <i>Figs.:</i> 2.1.7.2-1, 4.2.1-2<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH1-9, PH2-23, PH3-10, 11, 14, PH4-3, 4</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.5.28, 3.2.9, 3.3.1, 4.2.1<br/> <i>Figs.:</i> 2.1.7.2-1, 4.2.1-2<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH1-8, PH2-23, PH3-11, 12, 16, PH4-3, 4</p> |

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

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|--|-------------------------|----------------------------------|---|
| U.S. Patent Number                       | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification   |
| 5,586,108                                |                         | 12                               | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 3.2, 3.2.7, 3.2.8, 3.2.9<br/> <i>Figs.:</i> 3.2-1, 3.2.7-1, 3.2.8-1, 3.2.9-1<br/> <i>Pages:</i> PH-62, 69 to 72</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 3.2, 3.2.7, 3.2.8, 3.2.9<br/> <i>Figs.:</i> 3.2-1, 3.2.7-1, 3.2.8-1, 3.2.9-1<br/> <i>Pages:</i> PH3-2, 7 to 10</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 3.2, 3.2.7, 3.2.8, 3.2.9<br/> <i>Figs.:</i> 3.2-1, 3.2.7-1, 3.2.8-1, 3.2.9-1<br/> <i>Pages:</i> PH3-2, 8 to 11</p>   |
| 5,768,298                                |                         | 19                               | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.8, 3.2.9<br/> <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1<br/> <i>Pages:</i> PH-62, 63, 69, 71, 72</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.8, 3.2.9<br/> <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1<br/> <i>Pages:</i> PH3-2, 3, 7, 9, 10</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.8, 3.2.9<br/> <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1<br/> <i>Pages:</i> PH3-2, 3, 8, 10, 11</p> |

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| U.S. Patent Number                       | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification   |
| 5,983,387                                | KR 239,236              | 2                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 2.1.1, 3.2.9<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 3.2.1-1, 3.2.9-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH-15, 62, 72, PHX-40</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 2.1.1, 3.2.9<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 2.1.1-1, 3.2.1-1, 3.2.9-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH2-1, PH3-2, 10, 11, PHX-T1</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 2.1.1, 3.2.9<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 2.1.1-1, 3.2.1-1, 3.2.9-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH2-1, PH3-2, 11, 12, PHX-T1</p> |

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|--|-------------------------|----------------------------------|---|
| U.S. Patent Number                       | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification   |
| 6,076,184                                | KR 239,238              | 2                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 2.1.1, 3.2.2, 3.2.9<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 3.2.1-1, 3.2.9-1<br/> <i>Pages:</i> PH-15, 62, 63, 72, PHX-40</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 2.1.1, 3.2.9<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 2.1.1-1, 3.2.1-1, 3.2.9-1<br/> <i>Pages:</i> PH2-1, PH3-2, 10, PHX-T1</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 2.1.1, 3.2.9<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 2.1.1-1, 3.2.1-1, 3.2.9-1<br/> <i>Pages:</i> PH2-1, PH3-2, 11, PHX-T1</p> |
| 6,140,028                                |                         | 1                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 2.1.1, 2.1.3.2, 2.1.3.8, 4.1.2<br/> <i>Figs.:</i> 2.1.1-1, 2.1.3.8-1, 2.4.1-1<br/> <i>Pages:</i> PH-15, 18, 20, 21, 27, 95</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 2.1.1, 2.1.3.2, 2.1.3.8, 4.1.2<br/> <i>Figs.:</i> 2.1.1-1, 2.1.3.8-1, 2.4.1-1<br/> <i>Pages:</i> PH2-1, 4, 6, 7, 12, PH4-1</p>   |

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| HITACHI ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |   |
|--|-------------------------|----------------------------------|---|
| U.S. Patent Number                       | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification   |
| 6,314,542                                |                         | 4                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 1.1, 2.1, 2.1.1, 2.2.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.9<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 2.1.1-1, 2.2.1-1, 3.2-1, 3.2.1-1, 3.2.9-1, T-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH-1, 15, 42, 61 to 63, 72, 73, PHX-40</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 1.1, 2.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.9<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 2.1.1-1, 3.2-1, 3.2.1-1, 3.2.9-1, T-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH1-1, PH2-1, PH3-1 to 3, 10, 11, PHX-T1</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.1, 2.1.1, 3.1.4, 3.2, 3.2.2, 3.2.9, 3.4.1.1<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 2.1.1-1, 3.2-1, 3.2.1-1, 3.2.9-1, T-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH1-1, PH2-1, PH3-1 to 3, 11, 12, 27, PHX-T1</p> |

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| JVC ESSENTIAL DVD-R PLAYBACK PATENTS |   |                                  |  |
|--------------------------------------|---|----------------------------------|--|
| U.S. Patent Number                   | Reported Counterpart(s)                                       | Representative Claim(s) - (U.S.) | DVD-R Specification  |
| 5,014,274                            | EP 337,702<br>(DE, FR, GB, NL);<br>HK 1,000,543;<br>KR 59,670 | 2                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 3.2, 3.2.2, 3.2.6, 3.3.3<br/> <i>Fig.:</i> 3.2.6-1<br/> <i>Table:</i> 3.2.6-1<br/> <i>Pages:</i> PH-62, 63, 68, 77</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 3.2, 3.2.2, 3.2.6, 3.3.3<br/> <i>Fig.:</i> 3.2.6-1<br/> <i>Table:</i> 3.2.6-1<br/> <i>Pages:</i> PH3-2, 3, 6, 16</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 3.2, 3.2.2, 3.2.6, 3.3.3<br/> <i>Fig.:</i> 3.2.6-1<br/> <i>Table:</i> 3.2.6-1<br/> <i>Pages:</i> PH3-2, 3, 7, 18</p> |

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|--------------------------------------|-------------------------|----------------------------------|--|
| U.S. Patent Number                   | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| 5,949,750                            |                         | 3                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 1.1, 2.1.1, 3.1.1, 3.1.4, 3.2.6<br/> <i>Fig.:</i> 3.2.6-1<br/> <i>Table:</i> 3.2.6-1<br/> <i>Pages:</i> PH-1, 15, 61, 68</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 1.1, 2.1.1, 3.1.1, 3.1.4, 3.2.6<br/> <i>Fig.:</i> 3.2.6-1<br/> <i>Table:</i> 3.2.6-1<br/> <i>Pages:</i> PH1-1, PH2-1, PH3-1, 6</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.1, 2.1.1, 3.1.1, 3.1.4, 3.2.6<br/> <i>Fig.:</i> 3.2.6-1<br/> <i>Table:</i> 3.2.6-1<br/> <i>Pages:</i> PH1-1, PH2-1, PH3-1, 7</p> |
| 7,161,889                            |                         | 2                                | <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.1, 1.5, 1.6, 2.1.6, 2.2.1, 3.2.4, 3.2.7, 3.4.1.1, 3.4.1.2, 3.4.1.2.2, 3.4.1.4, 3.4.1.4.1, 4.1.4.1, 4.2.1<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 2.2.1-1, 3.2.7-1, 3.4.1.1-1, 4.1.4-1, T-1<br/> <i>Table:</i> 3.4.1.2.2-1<br/> <i>Pages:</i> PH1-1, 5, 8, PH2-16, 17, 25, PH3-4, 6, 8, 27 to 30, 34, 36, PH4-2 to 5, PHX-T1</p>   |

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| MITSUBISHI ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |  |
|---|-------------------------|----------------------------------|--|
| U.S. Patent Number                          | Reported Counterpart(s) | Representative Claim(s) - (U.S.) | DVD-R Specification  |
| 6,151,292                                   |                         | 7                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7<br/> <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1<br/> <i>Pages:</i> PH-61 to 63, 69</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7<br/> <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1<br/> <i>Pages:</i> PH3-1 to 3, 7</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7<br/> <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1<br/> <i>Pages:</i> PH3-1 to 3, 8</p> |

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|---|-------------------------|----------------------------------|--|
| U.S. Patent Number                          | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| 6,163,522                                   |                         | 3                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 2.1.1, 2.1.6.4, 2.2.6.5, 2.2.7.3, 3.1.1, 3.1.4, 3.2.9, 4.1.1, 4.1.4, 4.1.4.2, 4.2.1, 4.2.2, 4.2.3.1<br/> <i>Figs.:</i> 2.2.7.3-1, 2.2.7.3-2, 4.1.4-1, 4.2.1-1, 4.2.1-3<br/> <i>Pages:</i> PH-15, 31, 51, 55, 56, 58, 61, 72, 95 to 99, 101, 103</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 2.1.1, 2.1.6.4, 2.2.6.5, 2.2.7.3, 3.1.1, 3.1.4, 3.2.9, 4.1.1, 4.1.4, 4.1.4.2, 4.2.1, 4.2.2, 4.2.3.1<br/> <i>Figs.:</i> 2.2.7.3-1, 2.2.7.3-3, 4.1.4-1, 4.2.1-1, 4.2.1-3<br/> <i>Pages:</i> PH2-1, 16, 34, 38, 39, 41, PH3-1, 10, PH4-1 to 6, 9</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 2.1.1, 2.1.6.4, 2.2.6.7, 2.2.7.3, 3.1.1, 3.1.4, 3.2.9, 4.1.1, 4.1.4, 4.1.4.2, 4.2.1, 4.2.2, 4.2.3.1, 4.2.3.2<br/> <i>Figs.:</i> 2.2.7.3-1, 2.2.7.3-3, 3.1.4-1, 4.1.4-1, 4.2.1-1, 4.2.1-3, 4.2.3.2-1<br/> <i>Pages:</i> PH2-1, 16, 34, 37, 38, 40, PH3-1, 11, PH4-1 to 6, 9</p> |

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| MITSUBISHI ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |   |
|---|-------------------------|----------------------------------|---|
| U.S. Patent Number                          | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification   |
| 6,529,451                                   |                         | 12                               | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 1.1, 1.2, 1.5.43, 2.1.1, 2.1.3.2, 2.2.1, 2.2.3.2, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.4.1.1, 3.4.1.3, 3.4.1.3.1<br/> <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1, 3.4.1.1-1, 3.4.1.3-1<br/> <i>Table:</i> 3.4.1.3.1-1<br/> <i>Pages:</i> PH-1, 2, 9, 15, 18, 42, 45, 61 to 63, 69, 87, 89 to 91</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 1.1, 1.2, 1.6, 2.1.1, 2.1.3.2, 2.2.1, 2.2.3.2, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.4.1.1, 3.4.1.3, 3.4.1.3.1<br/> <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1, 3.4.1.1-1, 3.4.1.3-1<br/> <i>Table:</i> 3.4.1.3.1-1<br/> <i>Pages:</i> PH1-1, 2, 11, PH2-1, 4, 25, 28, PH3-1 to 3, 7, 25, 27 to 29</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1.1, 2.1.3.2, 2.2.1, 2.2.3.2, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.4.1.1, 3.4.1.2, 3.4.1.2.2<br/> <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1, 3.4.1.1-1, 3.4.1.2-1<br/> <i>Table:</i> 3.4.1.2.2-1<br/> <i>Pages:</i> PH1-1, 2, 10, PH2-1, 4, 25, 28, PH3-1 to 3, 7, 27 to 29, 31</p> |

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| U.S. Patent Number                          | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| 6,930,965                                   |                         | 2                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 1.1, 1.2, 1.5.43, 2.1, 2.1.3.2, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9<br/> <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1<br/> <i>Pages:</i> PH-1, 2, 9, 15, 18, 61 to 63, 69, 72</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 1.1, 1.2, 1.6, 2.1, 2.1.3.2, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9<br/> <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1<br/> <i>Pages:</i> PH1-1, 2, 11, PH2-1, 4, PH3-1 to 3, 7, 10</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1, 2.1.3.2, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.7, 3.2.9<br/> <i>Figs.:</i> 3.1.4-1, 3.2-1, 3.2.1-1, 3.2.7-1<br/> <i>Pages:</i> PH1-1, 2, 10, PH2-1, 4, PH3-1 to 3, 8, 11</p> |

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| PANASONIC ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |   |
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| U.S. Patent Number                         | Reported Counterpart(s) | Representative Claim(s) - (U.S.) | DVD-R Specification   |
| 5,276,674                                  |                         | 4                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 1.2, 2.1.1, 2.1.3.2, 2.1.5.1, 2.1.6.11, 3.1.1, 3.2.7, 3.2.9<br/> <i>Figs.:</i> 2.1.1-1, 2.1.5-1, 3.2.7-1, 3.2.9-1<br/> <i>Pages:</i> PH-2, 15, 18, 28, 29, 31, 61, 69, 72</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 1.2, 2.1.1, 2.1.3.2, 2.1.5.1, 2.1.6.11, 3.1.1, 3.2.7, 3.2.9<br/> <i>Figs.:</i> 2.1.1-1, 2.1.5-1, 3.2.7-1, 3.2.9-1<br/> <i>Pages:</i> PH1-2, PH2-1, 4, 13, 14, 16, PH3-1, 7, 10</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.2, 2.1.1, 2.1.3.2, 2.1.5.1, 2.1.6.10, 3.1.1, 3.2.7, 3.2.9<br/> <i>Figs.:</i> 2.1.1-1, 2.1.5-1, 3.2.7-1, 3.2.9-1<br/> <i>Pages:</i> PH1-2, PH2-1, 4, 13, 14, 16, PH3-1, 8, 11</p> |

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|--|-------------------------|----------------------------------|--|
| U.S. Patent Number                         | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| 5,546,427                                  |                         | 9                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 3.2.9, 3.3, 3.3.3<br/> <i>Fig.:</i> 3.2.9-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH-72, 73, 75-1, 77</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 3.2.9, 3.3, 3.3.3,<br/> <i>Fig.:</i> 3.2.9-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH3-10, 11, 13, 16</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 3.2.9, 3.3, 3.3.3<br/> <i>Fig.:</i> 3.2.9-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH3-11, 12, 15, 18</p> |

## SUMMARY REPORT OF ESSENTIAL DVD-R PLAYBACK PATENTS

| PANASONIC ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |  |
|--|-------------------------|----------------------------------|--|
| U.S. Patent Number                         | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| 5,808,979                                  |                         | 1                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 1.1, 1.2, 2.1.1, 2.1.3.2, 2.1.7.1, 2.1.7.2<br/> <i>Annex:</i> I.1, I.2<br/> <i>Figs.:</i> 2.1.1-1, 2.1.7.2-1, I.1-1<br/> <i>Pages:</i> PH-1, 2, 15, 18, 34, 35, 38, PHX-15, 17</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 1.1, 1.2, 2.1.1, 2.1.3.2, 2.1.7.1, 2.1.7.2<br/> <i>Annex:</i> I.1, I.2<br/> <i>Figs.:</i> 2.1.1-1, 2.1.7.2-1, I.1-1<br/> <i>Pages:</i> PH1-1, 2, PH2-1, 4, 19, 20, 23, PHX-I1, I3</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.1, 1.2, 2.1.1, 2.1.3.2, 2.1.7.1, 2.1.7.2<br/> <i>Annex:</i> I.1, I.2<br/> <i>Figs.:</i> 2.1.1-1, 2.1.7.2-1, I.1-1<br/> <i>Pages:</i> PH1-1, 2, PH2-1, 4, 19, 20, 23, PHX-I1, I3</p> |

## SUMMARY REPORT OF ESSENTIAL DVD-R PLAYBACK PATENTS

| PANASONIC ESSENTIAL DVD-R PLAYBACK PATENTS |                            |                                  |   |
|--|----------------------------|----------------------------------|---|
| U.S. Patent Number                         | Reported Counterpart(s)    | Representative Claim(s) – (U.S.) | DVD-R Specification   |
| 5,850,379                                  | EP 686,968<br>(DE, FR, GB) | 1                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 3.1.1, 3.1.4, 3.2, 3.2.2, 3.2.6, 3.3.3<br/> <i>Fig.:</i> 3.2-1<br/> <i>Pages:</i> PH-61 to 63, 68, 77</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 3.1.1, 3.1.4, 3.2, 3.2.2, 3.2.6, 3.3.3<br/> <i>Fig.:</i> 3.2-1<br/> <i>Pages:</i> PH3-1 to 3, 6, 16</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 3.1.1, 3.1.4, 3.2, 3.2.2, 3.2.6, 3.3.3<br/> <i>Fig.:</i> 3.2-1<br/> <i>Pages:</i> PH3-1 to 3, 7, 18</p> |
| 6,128,388                                  |                            | 11                               | <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.5, 2.1.3.2, 2.1.3.3, 2.1.6.13, 2.2.3.2, 3.3.1<br/> <i>Annex:</i> T, W.1<br/> <i>Fig.:</i> 1.5-1<br/> <i>Pages:</i> PH1-8, PH2-4, 17, 28, PH3-16, PHX-T1, W1</p>  |
| 6,144,742                                  |                            | 5                                | <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Sec.:</i> 2.1.6.5<br/> <i>Annex:</i> W.1 to W.3, W.5.2, W.7<br/> <i>Figs.:</i> 2.1.6-1, W.2-1, W.5-1<br/> <i>Pages:</i> PH2-16, 18, PHX-W1 to W4</p>  |
| 6,285,764                                  |                            | 4                                | <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.1, 2.1.3.2, 3.3.3<br/> <i>Annex:</i> W.1, W.4<br/> <i>Tables:</i> 3.3-1, 3.3-2<br/> <i>Pages:</i> PH1-1, PH2-4, PH3-18 to 26, PHX-W1</p>   |

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| PANASONIC ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |  |
|--|-------------------------|----------------------------------|--|
| U.S. Patent Number                         | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| 6,298,138                                  |                         | 3                                | <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.1, 2.1.3.2, 2.1.6.3, 2.1.6.5, 2.1.6.10, 3.1.4, 3.2.1, 3.2.2, 3.3.3, 3.4.1.1, 3.4.1.4, 3.4.1.4.1, 3.4.1.7, 4.1, 4.1.4.1, 4.1.4.2<br/> <i>Annex:</i> W.1 to W.4, W.5.3, W.9.3<br/> <i>Figs.:</i> 3.1.4-1, 3.2.1-1, 3.4.1.1-1, 3.4.1.4-1, 4.1.4-1, W.2-1, W.5-1, W.9-1<br/> <i>Tables:</i> 3.3-1, 3.3-2, 3.4.1.4.1-1<br/> <i>Pages:</i> PH1-1, PH2-4, 16, PH3-1 to 3, 18 to 27, 34, 35, 38, 39, PH4-1, 2, PHX-W1, W3, W6</p> |
| 6,600,706                                  |                         | 6                                | <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.1, 1.2, 1.5, 2.1.1, 2.1.3.2, 2.1.6, 3.3, 3.3.3, 3.4.1.1, 3.4.1.4, 3.4.1.4.1, 4.1.4.1, 4.1.4.2, 4.3.1<br/> <i>Annex:</i> W.1 to W.4<br/> <i>Figs.:</i> 2.1.1-1, 3.4.1.1-1, 4.1.4-1, 4.3-1, W.2-1<br/> <i>Table:</i> 3.3-1, 3.3-2, 3.4.1.4.1-1<br/> <i>Pages:</i> PH1-1, 2, 8, 11, PH2-1, 4, 16, PH3-15, 16, 18 to 27, 34, 35, 38, PH4-2, 24, PHX-W1</p>  |

## SUMMARY REPORT OF ESSENTIAL DVD-R PLAYBACK PATENTS

| PANASONIC ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |   |
|--|-------------------------|----------------------------------|---|
| U.S. Patent Number                         | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification   |
| RE 39,771                                  |                         | 36                               | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 1.5.5, 1.5.43, 2.1.3.2, 3.1.4, 3.2, 3.2.2, 3.2.6<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1, T-1<br/> <i>Table:</i> 3.2.6-1<br/> <i>Pages:</i> PH-5, 9, 18, 61 to 63, 68, PHX-40</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 1.6, 2.1.3.2, 3.1.4, 3.2, 3.2.2, 3.2.6<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1, T-1<br/> <i>Table:</i> 3.2.6-1<br/> <i>Pages:</i> PH1-6, 11, PH2-4, PH3-1 to 3, 6, PHX-T1</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.5, 2.1.3.2, 3.1.4, 3.2, 3.2.2, 3.2.6<br/> <i>Annex:</i> T<br/> <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1, T-1<br/> <i>Table:</i> 3.2.6-1<br/> <i>Pages:</i> PH1-5, 10, PH2-4, PH3-1 to 3, 7, PHX-T1</p> |

## SUMMARY REPORT OF ESSENTIAL DVD-R PLAYBACK PATENTS

| PANASONIC/TOSHIBA ESSENTIAL DVD-R PLAYBACK PATENTS |                          |                                  |  |
|--|--------------------------|----------------------------------|--|
| U.S. Patent Number                                 | Reported Counterpart(s)  | Representative Claim(s) - (U.S.) | DVD-R Specification  |
| 5,732,066  | TW 84,703                | 19                               | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 2.1.6.5, 2.1.6.6, 2.1.6.11, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.4.1.1<br/> <i>Figs.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1<br/> <i>Pages:</i> PH-31, 33, 61 to 63, 68, 87</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 2.1.6.5, 2.1.6.10, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.4.1.1<br/> <i>Fig.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1<br/> <i>Pages:</i> PH2-16, 18, PH3-1 to 3, 6, 25</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 2.1.6.5, 2.1.6.10, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.4.1.1<br/> <i>Figs.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1<br/> <i>Pages:</i> PH2-16, 18, PH3-1 to 3, 7, 27</p> |
| 5,790,569  | KR 255,105;<br>TW 89,851 | 19                               | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8<br/> <i>Figs.:</i> 3.2.7-1, 3.2.8-1<br/> <i>Pages:</i> PH-62, 69, 71</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8<br/> <i>Figs.:</i> 3.2.7-1, 3.2.8-1<br/> <i>Pages:</i> PH3-2, 7, 9</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8<br/> <i>Figs.:</i> 3.2.7-1, 3.2.8-1<br/> <i>Pages:</i> PH3-2, 8, 10</p>  |

## SUMMARY REPORT OF ESSENTIAL DVD-R PLAYBACK PATENTS

| PANASONIC/TOSHIBA ESSENTIAL DVD-R PLAYBACK PATENTS |   |                                  |   |
|--|---|----------------------------------|---|
| U.S. Patent Number                                 | Reported Counterpart(s)   | Representative Claim(s) – (U.S.) | DVD-R Specification   |
| 5,867,475  | CA 2,217,005;<br>CN ZL 96194622.9;<br>EP 820,629<br>(AT, BE, CH, DE, FR, GB,<br>LI, NL)<br>(Lapsed in ES, IT, LU,<br>SE);<br>HK 1,008,610;<br>ID 8,062 (ID 960,933);<br>IN 193,416;<br>SG 46,792;<br>TH 14,818;<br>VN 1,400 | 25                               | DVD-R, Part 1 (v. 1):<br><i>Secs.:</i> 2.1.6.5, 2.1.6.6, 2.1.6.11, 2.1.3.2, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.3.3, 3.4.1.1<br><i>Figs.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1<br><i>Pages:</i> PH-18, 31, 33, 61 to 63, 68, 77, 87<br><br>DVD-R, Part 1 (v. 2 Auth):<br><i>Secs.:</i> 2.1.3.2, 2.1.6-1, 2.1.6.5, 2.1.6.10, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.3.3, 3.4.1.1<br><i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1<br><i>Pages:</i> PH2-4, 16, 18, PH3-1 to 3, 6, 16, 25<br><br>DVD-R, Part 1 (v. 2 Gen):<br><i>Secs.:</i> 2.1.3.2, 2.1.6.5, 2.1.6.10, 3.1.1, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.6, 3.3.3, 3.4.1.1<br><i>Figs.:</i> 2.1.6-1, 3.2-1, 3.2.1-1, 3.2.6-1, 3.4.1.1-1<br><i>Pages:</i> PH2-4, 16, 18, PH3-1 to 3, 7, 18, 27 |

## SUMMARY REPORT OF ESSENTIAL DVD-R PLAYBACK PATENTS

| PANASONIC/TOSHIBA ESSENTIAL DVD-R PLAYBACK PATENTS |   |                                  |  |
|--|---|----------------------------------|--|
| U.S. Patent Number                                 | Reported Counterpart(s)   | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| 5,881,037  | CA 2,192,062;<br>CN ZL 96190546.8;<br>EP 764,327<br>(AT, BE, CH, DE, ES, FR,<br>GB, IT, LI, LU, NL, SE);<br>HK 1,005,837;<br>ID 5,094 (ID 960,868);<br>KR 377,524;<br>MX 211,803;<br>MY 112,830;<br>PH 52,831;<br>SG 36,463;<br>TH 16,120;<br>TW 126,249;<br>VN 1,152 | 14                               | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 3.2, 3.2.9, 3.3, 3.3.1<br/> <i>Figs.:</i> 3.2-1, 3.2.9-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH-62, 72, 73, 75-1, 75-2</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 3.2, 3.2.9, 3.3, 3.3.1<br/> <i>Figs.:</i> 3.2-1, 3.2.9-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH3-2, 10, 11, 13, 14</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 3.2, 3.2.9, 3.3, 3.3.1<br/> <i>Figs.:</i> 3.2-1, 3.2.9-1<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH3-2, 11, 12, 15, 16</p> |

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| PANASONIC/TOSHIBA ESSENTIAL DVD-R PLAYBACK PATENTS |  |                                  |  |
|--|--|----------------------------------|--|
| U.S. Patent Number                                 | Reported Counterpart(s)  | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| 5,912,869  | AU 708,923;<br>BR PI 9606290-8;<br>CA 2,191,702;<br>CN ZL 96190540.9;<br>EP 763,239<br>(AT, BE, CH, DE, DK, ES,<br>FI, FR, GB, GR, IE, IT, LI,<br>LU, NL, SE);<br>HK 1,004,647;<br>ID 11,625;<br>IN 193,096;<br>KR 377,523;<br>MX 196,771;<br>MY 112,963;<br>NO 318,893;<br>SG 35,867;<br>TW 84,702;<br>VN 1,480 | 39                               | <b>DVD-R, Part 1 (v. 1):</b><br><i>Secs.:</i> 1.1, 1.2, 1.5.3, 1.5.27, 2.1.7.1(b), 3.2.9, 3.3, 3.3.3<br><i>Table:</i> 3.2.9-1<br><i>Pages:</i> PH-1, 2, 5, 7, 34, 72, 73, 75, 77<br><br><b>DVD-R, Part 1 (v. 2 Auth):</b><br><i>Secs.:</i> 1.1, 1.2, 1.6, 2.1.7.1(b), 3.2.9, 3.3, 3.3.3<br><i>Fig.:</i> 1.5-1<br><i>Table:</i> 3.2.9-1<br><i>Pages:</i> PH1-1, 2, 6, 9, 13 PH2-19, PH3-10, 11, 13, 16<br><br><b>DVD-R, Part 1 (v. 2 Gen):</b><br><i>Secs.:</i> 1.1, 1.2, 1.5, 2.1.7.1(b), 3.2.9, 3.3, 3.3.3<br><i>Fig.:</i> 1.5-1<br><i>Table:</i> 3.2.9-1<br><i>Pages:</i> PH1-1, 2, 5, 8, PH2-19, PH3-11, 12, 15, 18 |

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| PANASONIC/TOSHIBA ESSENTIAL DVD-R PLAYBACK PATENTS |                           |                                  |  |
|--|---------------------------|----------------------------------|--|
| U.S. Patent Number                                 | Reported Counterpart(s)   | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| 6,182,263  | CA 2,190,985;<br>VN 1,269 | 1                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8<br/> <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.8-1<br/> <i>Pages:</i> PH-62, 69, 71</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8<br/> <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.8-1<br/> <i>Pages:</i> PH3-2, 7, 9</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8<br/> <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.8-1<br/> <i>Pages:</i> PH3-2, 8, 10</p> |

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| SAMSUNG ESSENTIAL DVD-R PLAYBACK PATENTS |  |                                  |  |
|--|--|----------------------------------|--|
| U.S. Patent Number                       | Reported Counterpart(s)  | Representative Claim(s) - (U.S.) | DVD-R Specification  |
| 6,389,570                                | CN ZL 02140736.3;<br>CN ZL 02140737.1;<br>CN ZL 99109257.0;<br>EP 1,306,846<br>(DE, FR, GB, NL);<br>HK 1,049,730;<br>HK 1,049,731;<br>KR 382,639 | 1                                | DVD-R, Part 2 (v. 2 Gen):<br><i>Secs.:</i> 1.1, 2.1, 3.1, 3.2, 3.2.2, 3.6, 3.6.1, 3.6.2, 3.6.3, 3.8.2, 3.9<br><i>Annex:</i> B to E<br><i>Figs.:</i> 3.2.1-1, 3.2.2-1<br><i>Table:</i> 3.6.1-1, 3.6.2-1, 3.6.3-1, 3.6.3-2, B.3.2-1, C.3-1<br><i>Pages:</i> FS1-1, FS2-1, FS3-1 to 4, 23 to 26, 28 to 30, 32, 33, 44, 45, FSX-B1 to B5, C1 to C8, D1, D2, E22 to E25 |

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| TOSHIBA ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |  |
|--|-------------------------|----------------------------------|--|
| U.S. Patent Number                       | Reported Counterpart(s) | Representative Claim(s) - (U.S.) | DVD-R Specification  |
| 5,587,991                                | KR 191,944              | 6                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 2.1.3.2, 3.2.9, 3.3.2, 3.3.3<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH-18, 72, 73, 76, 77</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 2.1.3.2, 3.2.9, 3.3.2, 3.3.3<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH2-4, PH3-10, 11, 15, 16</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 2.1.3.2, 3.2.9, 3.3.2, 3.3.3<br/> <i>Table:</i> 3.2.9-1<br/> <i>Pages:</i> PH2-4, PH3-11, 12, 17, 18</p> |
| 5,708,651                                |                         | 5                                | <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 1.2, 2.1.1, 2.1.4.2, 2.1.5.5, 2.1.5.1, 2.1.5.3, 3.4.1.1, 3.4.1.4<br/> <i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.1.5-1, 2.1.5-2, 2.2.4.1-1, 3.4.1.1-1, 3.4.1.4-1<br/> <i>Table:</i> 3.4.1.4.1-1<br/> <i>Pages:</i> PH1-2, PH2-1, 10, 12 to 15, 32, PH3-27, 34, 35</p>  |

## SUMMARY REPORT OF ESSENTIAL DVD-R PLAYBACK PATENTS

| TOSHIBA ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |   |
|--|-------------------------|----------------------------------|---|
| U.S. Patent Number                       | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification   |
| 5,956,306                                |                         | 4                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 2.1.3.2, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.2.7, 3.2.8, 3.2.9<br/> <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1<br/> <i>Pages:</i> PH-18, 62 to 64, 69, 71, 72</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 2.1.3.2, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.2.7, 3.2.8, 3.2.9<br/> <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1<br/> <i>Pages:</i> PH2-4, PH3-2 to 4, 7, 9, 10</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 2.1.3.2, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.2.7, 3.2.8, 3.2.9<br/> <i>Figs.:</i> 3.2-1, 3.2.1-1, 3.2.7-1, 3.2.8-1, 3.2.9-1<br/> <i>Pages:</i> PH2-4, PH3-2 to 4, 8, 10, 11</p> |
| 6,182,263                                |                         | 1                                | <p><b>DVD-R, Part 1 (v. 1):</b><br/> <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8<br/> <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.8-1<br/> <i>Pages:</i> PH-62, 69, 71</p> <p><b>DVD-R, Part 1 (v. 2 Auth):</b><br/> <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8<br/> <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.8-1<br/> <i>Pages:</i> PH3-2, 8, 10</p> <p><b>DVD-R, Part 1 (v. 2 Gen):</b><br/> <i>Secs.:</i> 3.2.1, 3.2.7, 3.2.8<br/> <i>Figs.:</i> 3.2.1-1, 3.2.7-1, 3.2.8-1<br/> <i>Pages:</i> PH3-2, 7, 9</p>  |

## SUMMARY REPORT OF ESSENTIAL DVD-R PLAYBACK PATENTS

| TOSHIBA ESSENTIAL DVD-R PLAYBACK PATENTS |                         |                                  |  |
|--|-------------------------|----------------------------------|--|
| U.S. Patent Number                       | Reported Counterpart(s) | Representative Claim(s) – (U.S.) | DVD-R Specification  |
| RE 38,643                                |                         | 5                                | DVD-R, Part 1 (v. 2 Gen):<br><i>Secs.:</i> 1.2, 1.5, 2.1, 2.1.3.2, 2.1.5, 2.1.5.1, 2.1.5.3, 2.1.6, 2.1.7, 2.2, 2.2.1, 2.2.3.2, 2.2.5, 2.2.5.2, 2.2.6, 2.2.7, 2.5.5, 3.4.1.1, 4.1, 4.1.1<br><i>Annex:</i> C.2<br><i>Figs.:</i> 2.1.1-1, 2.1.4-1, 2.1.5-1, 2.1.5-2, 2.1.7-1, 2.2.1-1, 2.2.4.1-1<br><i>Pages:</i> PH1-2, 11, PH2-1, 4, 12 to 16, 19, 22, 25, 28, 32 to 35, PH3-27, PH4-1, 3, PHX-C1 |