

EXHIBIT A

| Asserted Claims (<i>Ind.</i>) | | 102/103 Invalidation Basis | | | | | | | |
|----------------------------------|-----------|-------------------------------|---------------------------------------|--|-----------------------------------|--|---|-----------------------|--|
| | | Itou (US 7,736,355) | Itou in view of Ressemann (7,604,612) | Itou in view of Kataishi (US 2005/0015073) | Itou in view of Enger (5,980,486) | Kontos (US 5,439,445) in view of Adams (U.S. 2004/0010280) | Kontos in view of Ressemann (7,604,612) | Ressemann (7,604,612) | Ressemann in view of Takhashi Publication (2004) |
| Patent | Claim No. | | | | | | | | |
| 8,048,032 | 11 | A | | | | O | | | |
| | 12 | A | | | | O | | | |
| | 14 | A | O | | | O | | | |
| RE 45,380 (system) | 12 | A | | | | O | | | |
| | 13 | A | | | | O | | | |
| | 15 | A | O | | | O | | | |
| RE 45,776 | 25 | A | | | | | O | | |
| | 36 | A | O | O | | | O | | |
| | 37 | A | O | O | | | O | | |
| RE 47,379 (method of forming) | 25 | A | | | | | | A | |
| | 33 | A | | | | | | | O |
| | 34 | A | | | | | | | O |
| | 38 | A | O | | | | | A | |
| | 44 | | O | O | O | | | A | |
| RE 45,760 (system) | 25 | A | | | | | | | O |
| | 28 | A | | | | | | | O |
| | 29 | A | | | | | | | O |
| | 32 | | O | O | O | | | | O |
| | 48 | A | O | | | | | O | |
| 8,142,413 (method of use) | 7 | A | O | | | O | O | | |
| RE 46,116 (method of use) | 46 | | O | | O | | | | O |
| | | "A" denotes Anticipated (102) | | | | "O" denotes Obvious (103) | | | |

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