

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Teledyne Technologies Incorporated | 05/10/2012 |
| RECEIVING PARTY DATA | |
| Name: | SAMSUNG ELECTRONICS CO., LTD. |
| Street Address: | 129, Samsung-ro, Yeongtong-gu, Gyeonggi-do |
| City: | Suwon-si |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 443-742 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Patent Number: | 6566824 |
| Patent Number: | 6744960 |
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| Total Attachments: 1 source=ASSIGN_6566824_6744960#page1.tif | |

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EXHIBIT E CONFIRMATORY PATENT ASSIGNMENT FOR EXHIBIT B

This Confirmatory Patent Assignment ("ASSIGNMENT") from Teledyne Technologies Incorporated ("Assignor"), to Samsung Electronics Co., Ltd., ("Assignee") is entered into and effective as of the date written below.

WHEREAS, Assignor and Assignee are parties to a Patent Assignment Agreement effective May 10, 2012 ("PAA") by which Assignor assigned to Assignee, subject to various pre-existing licenses and other terms, Assignor's entire right, title and interest in and to the patents listed below: (the "ASSIGNED PATENTS")

US Patent Numbers 6,566,824 and 6,744,960

Germany Patent Number 10297286

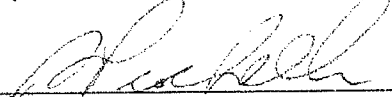
Great Britain Patent Number 2395075

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned and by these presents hereby sells, assigns, transfers and conveys to Assignee Assignor's entire rights, title and interest to Assignee, in and to the ASSIGNED PATENTS, including any reissue or reissues of any of the ASSIGNED PATENTS already granted or which may be granted; all foreign issues of any of the ASSIGNED PATENTS already granted or which may be granted; all continuations of any of the ASSIGNED PATENTS already granted or which may be granted; and any certificates of reexamination already granted or which may be granted the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which the ASSIGNED PATENTS are or may be granted, reissued or extended as fully and entirely as the same would have been held and enjoyed by Assignor, if this assignment and sale had not been made; together, with all claims for damages by reason of past, present or future infringement of one or more of the ASSIGNED PATENTS, with the right to sue for, and collect the same for Assignor's own use and behalf, and on behalf of its successors, assigns or other legal representatives.

FURTHER, Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks or an equivalent officer in any jurisdiction in which the ASSIGNED PATENTS may issue or have issued, any and all Letters Patent on said inventions to Assignee as assignee of the herein assigned.

IN WITNESS WHEREOF, Assignor has hereunto executed this instrument this 10th day of May, 2012.

Teledyne Technologies Incorporated

By:  _____