

## PATENT ASSIGNMENT COVER SHEET

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| LG ELECTRONICS, INC.              | 03/28/2014            |
| <b>RECEIVING PARTY DATA</b>       |                       |
| <b>Name:</b>                      | THOMSON LICENSING SAS |
| <b>Street Address:</b>            | 1-5 RUE JEANNE D'ARC  |
| <b>City:</b>                      | ISSY-LES-MOULINEAUX   |
| <b>State/Country:</b>             | FRANCE                |
| <b>Postal Code:</b>               | 92130                 |
| <b>PROPERTY NUMBERS Total: 19</b> |                       |
| <b>Property Type</b>              | <b>Number</b>         |
| Patent Number:                    | 7796703               |
| Patent Number:                    | 8111764               |
| Patent Number:                    | 7436764               |
| Patent Number:                    | 7953022               |
| Application Number:               | 13791421              |
| Patent Number:                    | 8031801               |
| Patent Number:                    | 7869396               |
| Patent Number:                    | 7400893               |
| Patent Number:                    | 8355331               |
| Patent Number:                    | 7929633               |
| Patent Number:                    | 8112091               |
| Patent Number:                    | 7826855               |
| Patent Number:                    | 8165596               |
| Patent Number:                    | 8369865               |
| Patent Number:                    | 7978616               |
| Patent Number:                    | 7184419               |
| Patent Number:                    | 8260287               |
| Patent Number:                    | 8009606               |
| Patent Number:                    | 8411633               |

**CORRESPONDENCE DATA****Fax Number:** (609)734-6888

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 6097346867**Email:** USPTO@technicolor.com**Correspondent Name:** ROBERT D. SHEDD**Address Line 1:** 2 INDEPENDENCE WAY**Address Line 2:** SUITE 200**Address Line 4:** PRINCETON, NEW JERSEY 08540-6620

|                                |                                        |
|--------------------------------|----------------------------------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | LG TRANSFERS                           |
| <b>NAME OF SUBMITTER:</b>      | PATRICIA VERLANGIERI                   |
| <b>SIGNATURE:</b>              | /Patricia Verlangieri, Reg. No. 42201/ |
| <b>DATE SIGNED:</b>            | 01/07/2015                             |

**Total Attachments: 6**

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EXHIBIT A  
ASSIGNED PATENTS

| No | Application Number | Filing Date | Patent Number    | Issued Date | Nation | Remark    |
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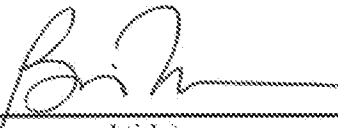
# EXHIBIT B

## PATENT ASSIGNMENT

### Assignment of Patent Rights

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged LG Electronics, INC., a company organized and existing under the laws of Korea and having its principal place of business at LG Twin Towers, 20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721, Korea, ("*Assignor*"), hereby irrevocably assigns, transfers and conveys, effective as of February 28, 2014, to Thomson Licensing (SAS), a company duly organized and existing under the laws of France and having its principal place of business at 1-5 rue Jeanne d'Arc, 92130 Issy les Moulineaux, France ("*Assignee*") all right, title and interest in and to the patents and patent applications identified in the attached Exhibit A, as well as any and all divisionals, renewals, continuations in whole or in part, re-examinations, substitutions, reissues, or extensions of patents and patent applications in Exhibit A (collectively, "*Assigned Patents*"), to have and to hold the same, for Assignee's own use and enjoyment and for the use and enjoyment of its successors and assigns, and the sole right to sue for damages for infringement past, present, and future of such Assigned Patents, for the full term or terms of all such Assigned Patents, and to exercise all applicable rights to claim priority to such patents and or related applications, including without limitation benefit of the right of priority provided by the International Convention for the Protections of Industrial Property, as amended, or by any convention which may henceforth be substituted for it and to invoke and claim such right of priority without further written or oral authorization.

IN WITNESS WHEREOF, each of the Parties hereto has caused the present Assignment of Patent Rights to be executed in three (3) original copies by its duly authorized officer or representative, one (1) for each party, and one (1) for the appropriate patent office.

| Thomson Licensing (S.A.S.)                                                          | LG ELECTRONICS, INC.                                                                 |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| By:                                                                                 | By:                                                                                  |
|  |  |
| (printed name and title)<br>Boris Teksler, President                                | (printed name and title)<br>Jongkwon Choi, General Manager                           |
| 26 - 2 - 14                                                                         | Mar 28, 2014                                                                         |
| (place and date)                                                                    | (place and date)                                                                     |

