502468418 08/22/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Patrick FISCHER | 05/13/2009 |
| Dragan VUJCIC | 05/13/2009 |

RECEIVING PARTY DATA

| Name: | LG ELECTRONICS INC. |
|-----------------|----------------------------------|
| Street Address: | 20 Yeouido-dong, Yeongdeungpo-du |
| City: | Seoul |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 150-721 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13973620 |

CORRESPONDENCE DATA

Fax Number: 2136232211

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 213-623-2221
Email: patent@lhlaw.com

Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY

Address Line 1: 660 S. FIGUEROA STREET

Address Line 2: Suite 2300

Address Line 4: LOS ANGELES, CALIFORNIA 90017

| 2101-3608C1 |
|----------------------|
| Jeffrey J. Lotspeich |
| /Jeffrey Lotspeich/ |
| 08/22/2013 |
| |

Total Attachments: 1

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PATENT REEL: 031064 FRAME: 0968

ASSIGNMENT

| (1-8) | Insert Name(s) of Inventor(s) | (1) | PATRICK FISCHER | (5) | |
|-------|---|------|---|---|---|
| | | (2) | DRAGAN VUJCIC | (6) | |
| | | (3) | | (7) | |
| | | (4) | | (8) | |
| | | | valuable considerations p | sum of one dollar (\$1.00) and other goo aid to each of the undersigned, the under reby does assign, transfer and set over to | |
| (9) | Insert name of Assignee | (9) | LG ELECTRONICS INC. | | |
| (10) | Insert state of Incorporation of Assignee | (10) | Korea | | |
| (11) | Insert address of Assignee | (11) | 20 Yoido-dong, Youngdur | gpo-gu, | |
| | | | Seoul, 150-010, Korea | | |
| | | | einafter designated as the A est in the invention known a | assignee) the entire worldwide right, title and | i |
| (12) | Insert identification of Invention, such as Title, Case Number or Foreign | (12) | METHOD FOR PAYLOAD CHANNELS (Application | PART TRANSMISSION ON CONTENTION no. 12/305,194) | N |
| | Application Number | | - | has (have) executed an application for pate ca and all patent applications in foreign cou ased thereon. | |
| (13) | Insert Date of Signing of Application | (13) | | | |
| | | | | | |

- 1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints the Attorneys associated with Customer No. 035884 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

| Date: <u>May 13, 2009</u> | Signature of Inventor Patril Fil |
|---------------------------|----------------------------------|
| Date: <u>May 13, 2009</u> | Signature of Inventor |

PATENT REEL: 031064 FRAME: 0969

RECORDED: 08/22/2013