### 502643756 01/21/2014

#### PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### CONVEYING PARTY DATA

| Name           | Execution Date |
|----------------|----------------|
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| YEON-YOUNG NAM | 12/12/2013     |
| DONG-WON CHUN  | 12/12/2013     |

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#### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |  |
|---------------------|----------|--|
| Application Number: | 29479838 |  |

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|-------------------------|--------------------|
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| Date:                   | 01/21/2014         |

# Total Attachments: 3

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> PATENT REEL: 032008 FRAME: 0955

Attorney Docket No.: D91098.1001

# COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

# DECLARATION

| As a below-named inventor, I hereby declare that  | t this declaration is directed to the application attached  |
|---|---|
| hereto, or to United States Application Number of   |   |
| filed on  | (if applicable), entitled:  |
| HOME APPLIANCE  | OR PORTION THEREOF  |
| The above-identified application was made or au   | thorized to be made by me.  |
| I believe I am the original inventor or an original identified application.   | joint inventor of a claimed invention in the above-   |
| I hereby acknowledge that any willful false states<br>USC 1001 by fine or imprisonment of not more to                 | nent made in this declaration is punishable under 18 han five (5) years, or both.   |
| I have reviewed and understand the contents of the  | ne above-identified application, including the claims.  |
| known to me to be material to patentability as def  | itates Patent and Trademark Office all information fined in 37 CFR 1.56, including for continuation-in-part ailable between the filing date of the prior application of the continuation-in-part application. |
| ASSI  | GNMENT  |
| For valuable consideration, I, as a below-named a   | ssignor, hereby assign to:  |
| Samsung Electronics Co., Ltd.<br>129, Samsung-ro, Yeongtong-gu<br>Suwon-si, Gyeonggi-do, 443-742<br>Republic of Korea |   |
| and its successors and assigns (collectively herein   | after called "the Assignee"), the entire right, title, and  |
| interest throughout the world in the inventions and   | d improvements that are the subject of the application  |
|   | ed States Application Number or PCT International   |
| Application Number 29/479,838   | filed on _January 21, 2014  |
|   | the above-identified application to hereafter complete n number and the filing date of the above-identified   |

1

Attorney Docket No.: D91098,1001

application when known, and to correct any typographical errors that may be discovered in this Assignment.

This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, like rights of exclusion, and inventors' certificates for any of the inventions and improvements that are the subject of the above-identified application; and I agree for myself and my heirs, legal representatives, and assigns without further compensation to perform such lawful acts and to sign such further applications, Assignments, preliminary statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

| Inventor's Legal Name        | Deok-Sang YUN  |      |                |
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