

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4740351

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|---|--|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                           |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                               |
| <b>CONVEYING PARTY DATA</b>   |  |
|   |  |
| <b>Name</b>   | <b>Execution Date</b>                    |
| JUNG-HEE LEE  | 11/28/2017                               |
| JEONG-HOON KANG   | 11/28/2017                               |
| KWAN-WOO HONG   | 11/28/2017                               |
| MIN-SUNG KIM  | 11/28/2017                               |
| DAE-UK KANG   | 11/28/2017                               |
| KYUNG-HAN KIM   | 11/28/2017                               |
| JU-BUM HAN  | 11/28/2017                               |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | SAMSUNG ELECTRONICS CO., LTD.            |
| <b>Street Address:</b>  | 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, |
| <b>City:</b>  | GYEONGGI-DO, 16677                       |
| <b>State/Country:</b>   | KOREA, REPUBLIC OF                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
|   |  |
| <b>Property Type</b>  | <b>Number</b>                            |
| <b>Application Number:</b>  | 15737742                                 |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  | (972)628-3616                            |
| <i>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.</i> |  |
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| <b>Email:</b>   | patents@munckwilson.com                  |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | OEC/11104/US                             |
| <b>NAME OF SUBMITTER:</b>   | JACOB L. LACOMBE                         |
| <b>SIGNATURE:</b>   | /Jacob L. LaCombe/                       |
| <b>DATE SIGNED:</b>   | 12/18/2017                               |
| <b>Total Attachments: 2</b>   |  |


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We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.


Date: 28, Nov, 2017

  
\_\_\_\_\_  
Jung-hee Lee

Date: 28, Nov, 2017

  
\_\_\_\_\_  
Jeong-hoon Kang


Date: 28, Nov, 2017

  
\_\_\_\_\_  
Kwan-woo Hong

Date: 28, Nov, 2017

  
\_\_\_\_\_  
Min-sung Kim

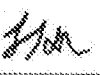
Date: 28, Nov, 2017

  
\_\_\_\_\_  
Dae-uk Kang

Date: 28, Nov, 2017

  
\_\_\_\_\_  
Kyung-han Kim

Date: 28, Nov, 2017

  
\_\_\_\_\_  
Ju-bum Han