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PATENT ASSIGNMENT COVER SHEET

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

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|-----------------|----------------|
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| KYONG-HWAN KIM | 03/04/2016 |
| HAKYUNG KIM | 03/04/2016 |
| SEUNGWOOK JEONG | 03/04/2016 |
| JONG-KYU KIM | 03/04/2016 |
| NORIO OKADA | 03/04/2016 |

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29570966 |

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| DATE SIGNED: | 07/13/2016 |
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Total Attachments: 4

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PATENT REEL: 039149 FRAME: 0441

| Practitioner's Docket No. <u>UD 052965-6</u> | | DESIGN | |
|--|---------------------------------------|---|----------|
| | For: For: For: For: By: | [] U.S. and/or [] Foreign Rig [√] U.S. Application or [] U.S. Provisional Application [] U.S. Patent [] PCT Application Multiple Inventors | |
| ASSIGNMENT OF INVENTION | ON (MU | LTIPLE INVENTORS) | |
| In consideration of the payment by ASSIGI (\$1.00), the receipt of which is hereby acknow consideration, ASSIGNORS (Inventors): | | | llar |
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PATENT REEL: 039149 FRAME: 0442

JAPAN

UD 052965-6 DSS16-0003-US0

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

| Recorded on | Reel Frame |
|---|---|
| hereby sells, assigns and transfers to: | |
| ASSIGNEE | Address: |
| SAMSUNG ELECTRONICS CO., LTD. (type or print name of ASSIGNEE) | 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea |
| Republic of Korea Nationality | |
| and the successors, assigns and legal representa | atives of the ASSIGNEE |
| (complete | one of the following) |
| for the United States and its territorial possession | tt (%) right, title and interest |
| | luding all rights to claim priority, in and to hare disclosed in the invention entitled: |
| LASER I | PRINTER |
| Name of inventor(s) Minchul KIM | |
| Kyong-Hwan KI | M |
| Hakyung KIM | |
| Seungwook JEO | |
| Jong-Kyu KIM | |
| Norio OKADA | |
| (check and complete (a), | (b), (c), (d), (e), (f) or (g)) |
| and which is found in (37 C.F.R. 3.21) | |
| (b) [] Not yet filed U.S. paten (c) [] Not yet filed U.S. provi inventor(s) for the abov [] To comply with I, an ASSIGNO my attorney to | at application executed on even date herewith at application executed on isional application naming the above re-entitled invention a 37 C.F.R. 3.21 for recordal of this assignment, DR signing below, hereby authorize and request insert below the filing date and application hey become known. |

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| (d) | [] | U.S. patent or provisional patent application no |
|-----|----|---|
| (e) | [] | International application no filed |
| (f) | [] | U.S. patent noissued [] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately (also check (g), if foreign application(s) is also being assigned) |
| (g) | [] | and any legal equivalent thereof in a foreign country, including the right to claim priority |

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

| Date: 3 4 | <u>, 2016</u> @ | Signature: | 200 | <u></u> |
|--|-----------------|------------|----------------------------|--------------|
| Date: Mar. 04 | , 2016.≋≤ | Signature: | Minchul KIM | |
| , | | ~ | Kyong-Hwan KIM | |
| Date: May V , OY | <u>, 2016</u> £ | Signature: | Hakyung KIM | <u>&</u> |
| Date: | .2016Æ | Signature: | Seeingwook JEONG | <u></u> _£ |
| Date: <u> 7. </u> | <u>, 2016</u> Ø | Signature: | Jong-Kyu KIM | E |
| Date: March 4 | <u>,2016</u> € | Signature: | Morio Okada Norio OKADA | & |

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| | (if ASSIGNOR is a legal entity, complete the following information) |
|-------|---|
| | authorized to sign on behalf of ASSIGNOR) |
| | Title |
| NOTE: | No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired. |
| | [] Notarization or Legalization Page Added. |

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