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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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| To the Honorable Commissioner of . 102889 | ord the attached original documents | | | | |
| 1. Name of conveying party(ies): Jin-Koo CHUNG, Joon-Hoo CHOI, Dong-Won LEE Additional name(s) of conveying party(ies) attached? Yes No | 2. Name and address of receiving party(ies): Name: SAMSUNG ELECTRONICS CO., LTD. | | | | |
| 3. Nature of conveyance: Assignment | Yeongtong-qu, Suwon-si, Gyeongqi-do, YOO Republic of Korea Additional name(s) & address(es) attached: Yes No With a new application, the execution date | | | | |
| A. Patent Application No.(s) | B. Patent No.(s) | | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Frank Chau, Esq. Street Address: F. CHAU & ASSOCIATES, LLC 130 Woodbury Road City: Woodbury State: NY Zip: 11797 | 6. Total number of applications and patents involved: 1 7. Total fee (37 C.F.R. §3.41): \$40.00 ☑ Credit Card Payment Form PTO-2038 enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: | | | | |
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| 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Frank Chau Registration No. 34,136 Name of Person Signing Total number of pages including cover sheet, attachments and documents: Do not detach this portion Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to | | | | | |
| be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and | | | | | |

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> **PATENT REEL: 016006 FRAME: 0285**

ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE:

APPARATUS FOR FORMING A THIN FILM USING AN INKJET PRINTING METHOD

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 8054-84 (LW9164US), or is more particularly identified as:

| \boxtimes | executed on even date herewith, or | | | |
|--|---|--|--|--|
| | Serial No. | filed in the U.S. Patent & Trademark Office on, | | |
| | or | | | |
| | executed on | , | | |
| certific patents granted success or rene | rates of corrections, divi s, and to any extensions d, to be held and enjoyed sors, assigns or other leg wal thereof, for which s | patents which may be granted thereon and therefore, and in and to all sions, continuations, continuations-in-part, reissued and re-examined thereof, said interest being the entire ownership of the patent when by said SAMSUNG ELECTRONICS CO. , LTD. , my Assignee, its gal representatives, to the full end of the term, terms, or any extension aid patent or patents may be granted, as fully and entirely as the same eyed by me or us if this assignment, sale and conveyance had not been | | |

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request <u>Frank Chau, Reg. No. 34,136</u>, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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DOCKET NO.: 8054-84 (LW9164US)

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

| INVENTOR(S) | Date Signed | Witness(cs) |
|------------------------------|---------------|-------------|
| Jin-Koo Chung Jin-Koo Chung | Nov 12. 2004 | (Seal) |
| Joon-Hoo CHOI | _ Nov 12 2004 | (Seal) |
| 3) Dongwon Lee Dong-Won LEE | Nov 12 2004 | (Seal) |

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PATENT REEL: 016006 FRAME: 0287