PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Tae Hoon Kim | 05/23/2011 |
| Jae Cheon Doh | 06/10/2011 |
| Seog Moon Choi | 06/11/2011 |

RECEIVING PARTY DATA

| Name: | SAmsung Electro-Mechanics Co., LTD | |
|-------------------|------------------------------------|--|
| Street Address: | 314 Maetan 3-dong Yeongtong-gu | |
| Internal Address: | Suwon | |
| City: | GYunggi-do | |
| State/Country: | REPUBLIC OF KOREA | |
| Postal Code: | 443-743 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13177270 |

CORRESPONDENCE DATA

Fax Number: (323)934-0202

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

Phone: 323-934-2300

Email: la_mail@ladas.com

Correspondent Name: LADAS & PARRY

Address Line 1: 5670 WILSHIRE BOULEVARD, SUITE 2100
Address Line 4: LOS ANGELES, CALIFORNIA 90036-5679

| ATTORNEY DOCKET NUMBER: | B-7059 626379-5 | |
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| | | |

NAME OF SUBMITTER: Jessie Wang

Total Attachments: 3

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PATENT REEL: 026550 FRAME: 0518

| Attorney's Docket No. | B-70 | 059 6263 7 9 - 5 | Pater |
|---|------------------------|---|----------|
| | For: [For: [| X] U.S. and/or [] Foreign Rights X] U.S. Application or [] U.S. Patent] PCT Application X] Inventor(s) or [] Present Owner | |
| ASSIG | NMEN' | T OF INVENTION | |
| n consideration of the payment by ASSIC which is hereby acknowledged, and for of | GNEE to A ther good | SSIGNOR of the sum of One Dollar (\$1.00), the and valuable consideration, | receipt |
| ASSIGNORS: Inventor(s) or person(s) or Intity(ies) who own the invention) | (1) | KIM, Tae Hoon (type or print name(s) of ASSIGNOR(S) 1209, Metan 2-dong, Yeongtong-gu, Suwon, Gyunggi-do 443-807, Korea (Address) Korea (Nationality) | - - |
| | (2) | DOH, Jae Cheon (type or print name(s) of ASSIGNOR(S) 113-801, Gyeryongrichevil, Baekseok-dong, Seobuk-gu, Cheonan-si, Chungcheongnam-d 331-220. Korea (Address) Korea (Nationality) | <u>Q</u> |
| | (3) | CHOI, Seog Moon (type or print name(s) of ASSIGNOR(S) 102-601, Seocho I-Park, 1436-14, Seocho 1-don Seocho-gu, Seoul 137-865, Korea | æ. |

(Address)

<u>Korea</u> (Nationality)

(Assignment of Invention [16-3]--page 1 of 3)

克温雅尔(**9**027 月27 年)

본 속보는 선생님가 정도자산으로 관리적임사의 미수병이 출시 때로 반축을 회 의 그는

| hereby confirm that ASSIGNORS sell, assig | n and transfer to |
|---|--|
| ASSIGNEE: | SAMSUNG ELECTRO-MECHANICS CO., LTD. (type or print name(s) of ASSIGNEE(S) |
| | 314, Maetan 3-dong, Yeongtong-gu, |
| | Suwon, Gyunggi-do 443-743, Korea |
| | (Address) |
| | Korea (Nationality) |
| and the successors, assigns and legal repres (complete one | entatives of the ASSIGNEE of the following) |
| [X] the entire right, title and interest | |
| [] an undivided percer | at (%) interest for the |
| United States and its territorial possessions | , |
| (check the following box if foreign rights are | also to be assigned) |
| [] and in all foreign countries, inclu | |
| priority, in and to any and all improvements entitled: | |
| 3D | POWER MODULE PACKAGE |
| (check and complete (a), (b), (c | e) or (d)) and which is found in |
| (a) [] U.S. patent application execute | |
| (b) [] U.S. patent application execute | |
| [X] To comply with 37 CFR 3.21 for ASSIGNOR signing below, hereby au | or recordal of this assignment, I, an atthorize and request my attorney, as named the court of this invention on the court of the court |
| (c) [] U.S. Application serial no | filed on |
| (d) [] International application no. | |
| (e) [] U.S. Patent no issued | |
| mannerance rees is being sent separately. | pondence is to be sent regarding patent |
| (also check (F) if foreign application(s | ~ 0 / |
| (f) [] and any legal equivalent thereo claim priority and, in and to, all Letters Pater above application or any continuation, divising the Patent any reissue or re-examination to | on, renewal, or substitute thereof, and as to |
| ASSIGNORS hereby covenant that no incumbrance has been or will be made or ent issignment; | assignment, sale, agreement or ered into which would conflict with this |
| | |

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15 月是是一大大学者。登巴教育全部《古代考古》、广省特徵中、李舜、雍素、孙孝在《新·中》。

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PATENT REEL: 026550 FRAME: 0520 ASSIGNORS further covenant 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 ASSIGNORS 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.

長の手髪では火むやかっぱっかり

| 23 H day of | May | , 2011 (date of signing). |
|----------------|---------------|-------------------------------------|
| | | KIM, Tae Hoon |
| | | Name of Assignor(s) |
| | | Signature of ASSIGNOR(S) |
| | | ave hereunto set hand and seal this |
| 10th day of_ | June | , 2011 (date of signing). |
| | | DOH, Jae Cheon |
| | | Name of Assignor(s) |
| | | Signature of ASSIGNOR(S) |
| N WITNESS WHEI | REOF, I/We ha | ave hereunto set hand and seal this |
| ((-th day of | ١ . | , 2011 (date of signing). |
| | | CHOI, Seog Moon |
| | | Name of Assignor(s) |
| | | M My My |
| | | Signature of ASSIGNOR(S) |

(Assignment of Invention [16-3]—page 3 of 3)

PATENT REEL: 026550 FRAME: 0521

RECORDED: 07/06/2011