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| | FORM PTO-1595 | | U.S. DEPARTMENT OF COMMERCE | |
| | 62005 Stees & Haisey LLP | 103445585 | | |
| | To the Director of the U.S. Patent and Trac. | | _ment. | |
| 1. | Name of conveying party(ies): (1) Oh Jo KWON (2) Won Tae CHOI (3) Kyoung Soo KWON | | | |
| 2. | Name and Address of receiving passes of SAMSUNG ELECTRO-MECHANI 314 Maetan 3-Dong, Yeongtong-Cauwon, Gyunggi-Do Republic of Korea | ICS CO., LTD. | | |
| 3. | Nature of conveyance: X Assignment Security Agreement Other: Execution Date(s): (1), (2), (3), Security | Merger Change of Name eptember 3, 2007 | | |
| 4. | Application number(s) or patent number(s): This document is being filed together with a new application. | | | |
| | OR This document is being filed a (a) Patent Application No(s)., (b) Patent No(s)., issued. | • | | |
| 5. | Name and address of party to who STAAS & HALSEY LLP Attention: <u>David M. Pitcher</u> 1201 New York Ave., N.W., Suite Washington, D.C. 20005 | Our Docket: | | |
| 6. | Total number of applications and | patents involved: 1 | | |
| 7. | Total fee (37 CFR 3.41) ⊠ Enclosed ☐ Authorized to be charged | | ation in Assignment) | |
| 8. | Deposit Account No.: 19-3935 (Account) (Attach duplicate copy of this pag | | to be charged to this Deposit | |
| | id M. Pitcher, Reg. No. 25,908 ne of Person Signing | | September 6, 2007 Date 2007 CNGUYEN? 98899053 11896998 pages including cover sheet 2 | |

PATENT REEL: 019858 FRAME: 0116

Docket No.

U.S. ASSIGNMENT

| IN CONSIDERATION of the sum of One Dollar (\$1.00), inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) | and of other good and vali | uable consideration paid to the undersigned | | | |
|--|------------------------------|--|--|--|--|
| SAMSUNG Electro-Mechanics Co., Ltd. | | | | | |
| 314 Maetan 3-Dong, Yeongtong-Gu. | | | | | |
| Suwon, Gyunggi-Do | | | | | |
| Republic of KOREA Postal Code: 443-743 | | | | | |
| FOSIAI Code: 443-743 | | | | | |
| (hereinafter, "ASSIGNEE"), the receipt of which is hereby acknown ASSIGNEE the entire and exclusive right, title and interest to the (Title of Invention) | | SIGNOR hereby scills, assigns and transfers to | | | |
| HYBRID SENSOR MODULE AN | ID SENSING METHOD | USING THE SAME | | | |
| relating to International Patent Application PCT//executed on even date herewith or, if not so executed, was: | and/or for which applicatio | on for Letters Patent of the United States was | | | |
| (a) executed on; | (Insert date of execution of | application, if not concurrent) | | | |
| (b) filed on | | TAAS & HALSEY IJP, 1201 New York Ave. | | | |
| Serial No; | | n, D.C. 20005 (202/434-1500) is hereby he specified data, when known. | | | |
| and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworm testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Date) (Typed Name & Signature of Witness(es)) | | | | | |
| KWON Oh Jo KWON Oh Jo CHOL WON Tae | 009.09.03 | mon July | | | |
| CHOI Won Tae | 601 of 02 | apos | | | |
| 3) KWON KYOUNG SOO > | -1-1- | | | | |

RECORDED: 09/06/2007

PATENT REEL: 019858 FRAME: 0117