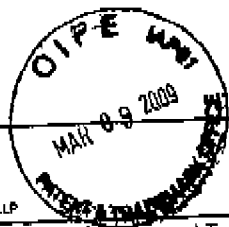


FORM PTO-1350
 ©2005 Staas & Halsey LLP
 To the Director of the U.S. Patent and Trademark Office



03-12-2009
 103551981

U.S. DEPARTMENT OF COMMERCE
 Patent.

3-9-09

1. Name of conveying parties:

- (1) Jong-Yun JEOUNG
- (2) Joon-Sun KIM
- (3) Chang-Hwan HWANG

2. Name and Address of receiving party:

SAMSUNG ELECTRONICS CO., LTD.
 416, Maetan-dong, Yeongtong-gu,
 Suwon-si, Gyeonggi-do 443-742
 Republic of Korea

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Dates: (1) February 23, 2009, (2) February 23, 2009 and (3) February 20, 2009

4. Application number(s) or patent number(s):

- This document is being filed together with a new application.
- OR
- This document is being filed after filing of the application:
- (a) Patent Application No(s). 29/333,197, filed March 4, 2009; or
- (b) Patent No(s). , issued .

5. Name and address of party to whom correspondence concerning document should be mailed:

STAAS & HALSEY LLP
 Attention: Sang Chul Kwon
 1201 New York Ave., N.W., Suite 700
 Washington, D.C. 20005
 Our Docket: 1860.1501

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)

- Enclosed
- Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
 (Attach duplicate copy of this page if paying by deposit account)

Sang Chul Kwon, Registration No. 63,153
 Name of Person Signing

Signature

March 9, 2009
 Date

Total number of pages including cover sheet: 2

DO NOT USE THIS SPACE

03/11/2009 13:41:11 00000019 29333197
 01 FC:0021 40.00 DP

S&H Form: (2/01)

U.S. ASSIGNMENT

S&H 100

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned Inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 443-742
Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

MOBILE PHONE

relating to International Patent Application PCT/KR / _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on :

(Insert date of execution of application, if not concurrent)

(b) filed on :

Serial No. Not Yet Assigned :

Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified date, 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 sworn 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))

- 1) Jeoung Jong Yun Feb 23, 2009
- Jong-Yup JEOUNG
- 2) Kim Joon Suh Feb 22, 2009
- Joon-Suh KIM
- 3) C. Hwang Feb. 20, 2009
- Chang-Hwan HWANG
- 4) _____
- 5) _____
- 6) _____

©2001 Staas & Halsey LLP

SEC/MJA



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 13, 2009

PTAS



103551981A

STAAS & HALSEY LLP
ATTENTION: SANG CHUL KWON
1201 NEW YORK AVE., N.W., SUITE 700
WASHINGTON, D.C. 20005

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/09/2009

REEL/FRAME: 022393/0857
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 1860.1501

ASSIGNOR:
JEOUNG, JONG-YUN

DOC DATE: 02/23/2009

ASSIGNOR:
KIM, [JOON-SUN] -- Joon-Suh --

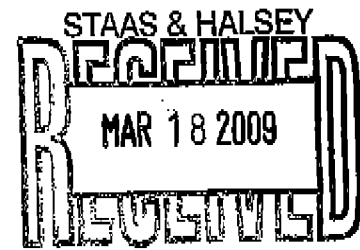
DOC DATE: 02/23/2009

ASSIGNOR:
HWANG, CHANG-HWAN

DOC DATE: 02/20/2009

ASSIGNEE:
SAMSUNG ELECTRONICS CO., LTD.
416, MAETAN-DONG, YEONGTONG-GU,
SUWON-SI
GYEONGGI-DO, REPUBLIC OF KOREA

443-742



022393/0857 PAGE 2

SERIAL NUMBER: 29333197
PATENT NUMBER:
TITLE: MOBILE PHONE

FILING DATE: 03/04/2009
ISSUE DATE:

KIMBERLY WHITE, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION