FORM	PTO-1595
(Rev. 6	/93)

06-21-2010



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

HEET Attorney Docket No: 5000-1-1311 103600098 Lum Commissioner for Patents 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Won-Tae KIM; Sang-Joon PARK; Jong-Woo KIM; Name: SAMSUNG ELECTRONICS CO.; LTD. Seok-Gyu LEE Address: 416, MAETAN-DONG, YEONGTONG-GU Additional name(s) of conveying party(ies) attached? [] Yes [X] No SUWON-SI, GYEONGGI-DO Nature of conveyance: REPUBLIC OF KOREA [X] Assignment] Merger Security Agreement [] Change of Name Other: _ Additional name(s) & address(es) attached? [] Yes [X] No Execution Date: May 20, 2010 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of A. Patent Application No.(s) 12/815,468 Additional numbers attached? x] No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Name: Steve Cha [X] Enclosed Address: CHA & REITER 210 Route 4 East, Suite #103 [X] Authorized to be charged to deposit account, if necessary Paramus, New Jersey 07652 - for overages or underpayments only 8. Deposit account number: 502-470 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. Steve Cha, Reg No.44,069 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

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Docket No.: 5000-1-1311

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

- 1) Won-Tae KIM of #304-2001, Dongsuwon LG Village 3-cha APT., Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- Sang-Joon PARK of #101-1002, Hyundai I-Park APT., Seongsu 2-ga 3-dong, Seongdong-gu, Seoul, Republic of Korea
- 3) Jong-Woo KIM of #204-1302, Woonam firstvill APT., Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 4) Seok-Gyu LEE of #203-1004, Samsung Raemian 2-cha APT., Eonnam-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONICS CO., LTD.

of
416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 442-742,
REPUBLIC OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. § 1.00, in and to the invention entitled as:

PORTABLE TERMINAL HAVING A HINGE APPARATUS

invented by Assignor; the application for United States patent therefor, invented by Assignor; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-

part, substitutes, or divisions of said application. Assignor authorizes Assignee to enter the date of signature and/or Serial Number and Filing Date in the above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said A ssignee, for its interests as Assignee, its successors, assigns and legal representatives. The unders igned agrees that the attorney of record in said application shall hereafter act on behalf of said As signee; and Assignor further conveys to Assignee all priority rights resulting from the above-identified application for United States Patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Won-Tae KIM	Signature of inventor Dated: May 20, 2000 WITNESSED: Z
Name of Second Inventor: Sang-Joon PARK	Signature of inventor Dated: May 20, 2000 WITNESSED:
Name of Third Inventor: Jong-Woo KIM	Signature of inventor Dated: May 10, 2000 WITNESSED:
Name of Fourth Inventor: Seok-Gyu LEE	Signature of inventor Dated: May. 20, 2010 WITNESSED:

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RECORDED: 06/18/2010