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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

- (1) Tae-Yun Kim
-
- (2) Jong-Gun Bae

Execution Date(s) April 6, 2005Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒
- Assignment
- ☐
- Merger
-
- ☐
- Security Agreement
- ☐
- Change of Name
-
- ☐
- Government Interest Assignment
-
- ☐
- Executive Order 9424, Confirmatory License
-
- ☐
- Other _____

2. Name and address of receiving party(ies)Name: Samsung Electronics Co., Ltd.

Internal Address: _____

Street Address: 416 Maeton-dongYeongtong-guCity: Suwon-siState: Gyeonggi-doCountry: Korea Zip: 442-742Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

04/11/2005 LMONDIN1 00000085 11101456

05 FC:021

40.00 OP

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Roylance, Abrams, Berdo & Goodman, L.L.P.

Internal Address: _____

Street Address: 1300 19th Street, NWCity: WashingtonState: DC Zip: 20036Phone Number: (202)659-9076Fax Number: (202) 659-9344

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐
- Authorized to be charged by credit card
-
- ☐
- Authorized to be charged to deposit account
-
- ☒
- Enclosed
-
- ☐
- None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:Daniel G. Shanley
SignatureApril 8, 2005

Date

Daniel G. Shanley

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450**PATENT**
REEL: 016458 FRAME: 0974

ASSIGNMENT

WHEREAS, I(we) **Tae-Yun KIM** a citizen of the Republic of Korea, residing at #101-301, Byucksan APT., 368, Bisan-dong, Gumi-si, Gyeongsangbuk-do, Republic of Korea **Jong-Gun BAE** a citizen of the Republic of Korea, residing at #101-1302, 119-3, Hwangsang Geumbong Town 1-cha, Hwangsang-dong, Gumi-si, Gyeongsangbuk-do, Republic of Korea (hereinafter ASSIGNORS), have made a certain invention entitled

HINGE APPARATUS AND WATCH TYPE PORTABLE TERMINAL HAVING THE SAME

for which we are making application for Letters Patent of the United States, which application has been executed concurrently herewith; and

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention in and for the United States, in and to the aforementioned application, and in and to any and all United States Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States; in and to the aforesaid United States application and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in the United States, including our right to file said applications and claim priority under the provisions of any international treaty or convention; and any Letters Patent of the United States issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the U.S. Patent and Trademark Office to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in the United States, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 6th day of
April, 2005

Tae-Yun KIM
(1) Tae-Yun KIM

Byung-Yeol Ko
Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 6th day of
April, 2005

Jong-Gun BAE
(2) Jong-Gun BAE

Byung-Yeol Ko
Witness