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PATENTS ONLY

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Attorney Docket No. 1403-3 PCT US

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1-8-07

1. Name of conveying party(ies):
1. Ae-Soon PARK 5. Jee-Hwan AHN
2. Seok-Heon CHO
3. Sun-Hwa LIM
4. Yeong-Jin KIM

2. Name and address of receiving party(ies)
Name:
Electronics & Telecommunications Research
Institute

Additional name(s) of conveying party(ies) attached? Yes No

161, Gajeong-dong, Yuseong-gu
Daejeon 305-350, Korea

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) & address(es) attached? Yes No

Execution Date: May 17, 2006

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s)
10/578,113 filed May 1, 2006

B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Paul J. Farrell, Esq.
THE FARRELL LAW FIRM
333 Earle Ovington Blvd., Suite 701
Uniondale, New York 11553
U.S. PTO Customer No. 66547

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 50-4053

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.
Paul J. Farrell Paul J. Farrell 1/3/07
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

2. Name and address of receiving party(ies)

Name:

Samsung Electronics Co., Ltd.

416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

KT Corporation

206, Jungja-dong, Bundang-gu, Seongnam-city, Gyeonggi-do 463-711, Korea

SK Telecom Co., Ltd.

99, Seorin-dong, Jongro-gu, Seoul 110-110, Korea

KTFreetel Co., Ltd.

890-20, Daechi-dong, Gangnam-gu, Seoul 135-280, Korea

Hanaro Telecom., Inc.

Shindongah Fire & Marine Insurance Building 43, Taepyeongno2-ga, Jung-gu, Seoul 100-733, Korea

ASSIGNMENT

DOCKET NO. 1403-3 (OPP060845 US)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: **Electronics and Telecommunications Research Institute**
ADDRESS: **161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, Korea**

ASSIGNEE: **Samsung Electronics Co., Ltd.**
ADDRESS: **416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea**

ASSIGNEE: **KT Corporation**
ADDRESS: **206, Jungja-dong, Bundang-gu, Seongnam-city, Gyeonggi-do 463-711, Korea**

ASSIGNEE: **SK Telecom Co., Ltd.**
ADDRESS: **99, Seorin-dong, Jongro-gu, Seoul 110-110, Korea**

ASSIGNEE: **KTFreetel Co., Ltd.**
ADDRESS: **890-20, Daechi-dong, Gangnam-gu, Seoul 135-280, Korea**

ASSIGNEE: **Hanaro Telecom., Inc.**
ADDRESS: **Shindongah Fire & Marine Insurance Building 43, Taepyeongno2-ga, Jung-gu, Seoul 100-733, Korea**

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: **METHOD FOR AUTHENTICATING SUBSCRIBER STATION, METHOD FOR CONFIGURING PROTOCOL THEREOF, AND APPARATUS THEREOF IN WIRELESS PORTABLE INTERNET SYSTEM**

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 1403-2 (OPP060846 US), or is more particularly identified as:

- executed on even date herewith, or
 Serial No. 10/6716, 113 filed in the U.S. Patent & Trademark Office on May 1, 2006,
or
 executed on _____

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **Electronics and Telecommunications Research Institute, Samsung Electronics Co., Ltd., KT Corporation, SK Telecom Co., Ltd., KTFreetel Co., Ltd. and Hanaro Telecom., Inc.**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

PATENT

REEL: 018790 FRAME: 0849

ASSIGNMENT

DOCKET NO. 1403-3 (OPP060845 US)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Electronics and Telecommunications Research Institute
ADDRESS: 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, Korea

ASSIGNEE: Samsung Electronics Co., Ltd.
ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

ASSIGNEE: KT Corporation
ADDRESS: 206, Jungja-dong, Bundang-gu, Seongnam-city, Gyeonggi-do 463-711, Korea

ASSIGNEE: SK Telecom Co., Ltd.
ADDRESS: 99, Seorin-dong, Jongro-gu, Seoul 110-110, Korea

ASSIGNEE: KTFreetel Co., Ltd.
ADDRESS: 890-20, Daechi-dong, Gangnam-gu, Seoul 135-280, Korea

ASSIGNEE: Hanaro Telecom., Inc.
ADDRESS: Shindongah Fire & Marine Insurance Building 43, Taepyeongno2-ga, Jung-gu, Seoul 100-733, Korea

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: METHOD FOR AUTHENTICATING SUBSCRIBER STATION, METHOD FOR CONFIGURING PROTOCOL THEREOF, AND APPARATUS THEREOF IN WIRELESS PORTABLE INTERNET SYSTEM

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 1403-2 (OPP060846 US), or is more particularly identified as:

- executed on even date herewith, or
- Serial No. 10/678, 113 filed in the U.S. Patent & Trademark Office on May 1, 2006,
or
- executed on _____

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said Electronics and Telecommunications Research Institute, Samsung Electronics Co., Ltd., KT Corporation, SK Telecom Co., Ltd., KTFreetel Co., Ltd. and Hanaro Telecom., Inc., my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

PATENT

REEL: 018790 FRAME: 0850

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request Peter G. Dilworth, Reg. No. 26,450 and Paul J. Farrell, Reg. No. 33,494, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

And I 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 ASSIGNOR 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.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

<u>INVENTOR(S)</u>	<u>Date Signed</u>	<u>Witness(es)</u>
1) <u>AeSoon Park</u> Ae-Soon PARK	(Seal) <u>May 19, 2006</u>	<u>[Signature]</u> KIM, Myo-Shin
2) <u>Seokheon Cho</u> Seok-Heon CHO	(Seal) <u>May 17, 2006</u>	<u>[Signature]</u> JEON, Mi-Hyob
3) <u>[Signature]</u> Sun-Hwa LIM	(Seal) <u>May 10, 2006</u>	<u>[Signature]</u> PARK, Mi-Young
4) <u>Kim Yeong-Jin</u> Yeong-Jin KIM	(Seal) <u>May 17, 2006</u>	<u>[Signature]</u> PARK, Yun-Ha
5) <u>[Signature]</u> Jee-Hwan AHN	(Seal) <u>May 17, 2006</u>	<u>[Signature]</u> PARK, Min-Sun