

07-12-2002

Washington, D.C. 20531

Form PTO-1595

RECOI



U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01)

102153008

U.S. PATENT AND TRADEMARK OFFICE

To the honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof:

1. Name of Conveying Party(ies):

PAN, SUNG BUM

7-1-02

GIL, YOUN-HEE

MOON, DAE SUNG

CHUNG, YONGWHA

CHUNG, KYO IL

PARK, CHEE HANG

2. Name and Address of Receiving Party(ies):

Name: ELECTRONICS and TELECOMMUNICATIONS RESEARCH INSTITUTE

Street Address: 161 Gajeong-dong, Yuseong-gu

Street Address:

City: Daejeon

State/Country: Korea Postal Code: 305-350

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

Additional name(s) and addresses attached? Yes No

3. Nature of Conveyance:

Assignment

Change of Name

Security Agreement

Other:

Merger

Execution Date: 06042002

4. Application Number(s) or Patent Number(s):

Assignment is being filed together with new application and the first execution date of application is : 07012002

07/08/2002 GGEBREGI 00000005 10184875

Application has been filed already and the application filing date is:

02 FC:581

40.00 DP

A. Patent Application Number(s):

B. Issued Patent Number(s):

10184875

Additional numbers attached? Yes No

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

CUSTOMER NUMBER 00136 -or-

JACOBSON HOLMAN PLLC
400 Seventh Street, N.W.
Washington, D.C. 20004-2218
Tel. 202-638-6666

Attorney Docket Number: P68004US0

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00

Enclosed

Any deficiencies in enclosed fees are authorized to be charged to Deposit Account No. 06-1358.

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8. 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.

Yoon S. Ham/45,307

July 1, 2002

Name of Person Signing, Reg. No.

Signature

Date

Total number of pages including cover sheet, attachments, and documents: -3-

11036 U.S. PATENT 10/104875 07/01/02

UNITED STATES OF AMERICA-ASSIGNMENT

- (1-6) Insert Name(s) of Inventors (1) Sung Bum Pan (2) Youn-Hee Gil (3) Dae Sung Moon (4) Yongwha Chung (5) Kyo Il Chung and (6) Chee Hang Park

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to

- (7) Insert Name of Assignee (7) Electronics and Telecommunications Research Institute

- (8) Insert Address of Assignee (8) of 161 Gajeong-dong, Yuseong-gu, Daejeon 305-350, Korea

- (9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan) (9) an Institute of Korea (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as

- (10) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (10) APPARATUS AND METHOD FOR AUTHENTICATING A USER BY EMPLOYING FEATURE POINTS OF FINGERPRINT IMAGE OF THE USER

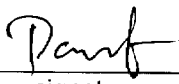
for which the undersigned has (have) executed an application for patent in the United States of

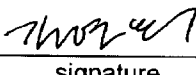
- (11) Insert Date of signing of Application, or filing date and Serial No., if known (11) Said application having been executed/filed on July 1, 2002 (and assigned Serial No. New Application)

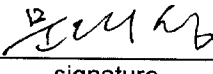
1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient. 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims provisions of the international Union for Protection of Industrial Property or similar agreements. 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee. 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute ant agreement in conflict herewith. 6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including right to sue for, and collect damages for, any and all acts of past and future infringement. 7) The undersigned hereby grant(s) the law firm of Jacobson Holman PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


LAW OFFICES OF JACOBSON HOLMAN PROFESSIONAL LIMITED LIABILITY COMPANY THE JENIFER BUILDING 400 SEVENTH STREET, N.W. WASHINGTON, D.C. 20004

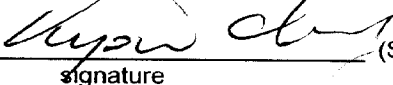
In witness whereof, executed by the undersigned on this date(s) opposite the undersigned name(s).


Date 2002. 6. 4 Name of Inventor Sung Bum Pan |  (SEAL)
typed name signature

Date 2002. 6. 4 Name of Inventor Youn-Hee Gil |  (SEAL)
typed name signature

Date 2002. 6. 4 Name of Inventor Dae Sung Moon |  (SEAL)
typed name signature

Date 2002. 6. 4 Name of Inventor Yongwha Chung |  (SEAL)
typed name signature

Date 2002. 6. 4. Name of Inventor Kyo Il Chung |  (SEAL)
typed name signature

Date 2002. 6. 4. Name of Inventor Chee Hang Park |  (SEAL)
typed name signature

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

Additional Inventor's names and on a separate sheet.

Witness _____

Witness _____