

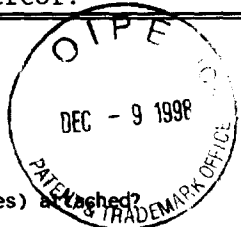


men 12-9-98

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Attorney Docket No.: P63078US0

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



1. Name of conveying party(ies):

Chung Hwan Kim, Cheon Soo Kim
Hyun Kyu Yu, Yeong Cheol Hyeon
Min Park

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

Internal Address: _____

Street Address: 161 Gajeong-Dong, Yuseong-Ku

City: Daejeon State: Korea ZIP: _____

Add'l name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Dates: September 8, 1998

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)
09/164,358, filed October 1, 1998

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Yoon S. Ham, Esq.

Internal Address: _____

Street Address: Jacobson, Price, Holman & Stern, PLLC
400 Seventh Street, N.W.

City: Washington State: DC Zip: 20004

6. Total number of applications and patents involved: _____

1

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

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 06-1358
(Atty.Dkt.No. 11349-P63078US0)

12/11/1998 JWATKINS 00000030 09164358

01 FC:581

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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.

Yoon S. Ham (Limited Recognition) 12/09/98

Name of Person Signing

Date

Yoon S. Ham
Signature

Total number of pages including cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments

UNITED STATES OF AMERICA-ASSIGNMENT

(1-6) Insert Name(s) of Inventors

- (1) CHUNG HWAN KIM
(2) CHEON SOO KIM
(3) HYUN KYU YU
(4) YEONG CHEOL HYEON
(5) MIN PARK
(6)

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 agree(s) to assign, transfer and set over to

(7) Insert Name of assignee

- (7) ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
(8) of 161, Gajeong-Dong, Yuseong-Ku, Daejeon, Korea

(8) Insert Address of Assignee

(9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan)

- (9) a Corporation of Republic 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 FOR IMPROVING LINEARITY OF SMALL SIGNAL

(11) Insert Date of Signing of Application, or filing date and Serial No., if known

- (11) Said application having been executed filed on October 1, 1998 (and assigned Serial No 09/164,358)

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such application 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 application 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 or 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 of the 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, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the law firm of Jacobson, Price, Holman & Stern, 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.

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

Table with 3 columns: Date, Name of Inventor, and Signature. Rows include Chung Hwan Kim, Cheon Soo Kim, Hyun Kyu Yu, Yeong Cheol Hyeon, and Min Park, all dated September 8, 1998.

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:

[] A additional inventor's names and signatures on a Witness separate sheet. Witness: Jeong S. Yi, K. R. Lee.

LAW OFFICES OF JACOBSON, PRICE, HOLMAN & STERN THE JENIFER BUILDING 400 SEVENTH STREET, N.W. WASHINGTON, D.C. 20004