

FORM PTO-1619A

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*11/07/01*

2. Name of Conveying Party(ies):

**CHUNG, Seung Woo**  
**CHUNG, Byoung Hyun**  
**PARK, Jong Heung**  
**LEE, Seong-Pal**

Additional Name(s) of conveying party(s) attached?  Yes  No

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

Name: **ELECTRONICS and TELECOMMUNICATIONS RESEARCH INSTITUTE**  
Street Address: **161 Kajong-dong, Yusong-gu,**  
City: **Taejon**  
State/Country: **Korea** Zip: \_\_\_\_\_  
Additional name(s) & address(es)  Yes  No

4. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other: \_\_\_\_\_

Execution Dates: **10182001;10222001; 10232001**

5. Application number(s) or patent number(s):

If this document is being filed together with a new application

the first execution date of the application is: **10182001**

the filing date of the application is: **11072001**

*09/986150*

A. Patent Application No.(s)

B. Patent No.(s)

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

**CUSTOMER NUMBER 00136**  
or  
**JACOBSON, PRICE, HOLMAN & STERN, PLLC**  
400 Seventh Street, N.W.  
Washington, DC 20004  
Tel. 202-638-6666

Attorney Docket No. **P67283US0**

~~JBALINAN 00000004 09286150~~

7. Number of applications and patents

8. Total fee (37 CFR 3.41) ..... \$ **40.00**

- Enclosed
- Any deficiencies in enclosed fees are authorized to be charged to deposit account **06-1358.**

40.00 DP

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10. 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**

Name of Person Signing/Reg. No.

*Yoon S. Ham*  
Signature

**November 7, 2001**

Date

Total number of pages excluding cover sheet:

1097 U.S. PTO  
09/986150  
11/07/01

11/08/2001  
DE FC:581

**UNITED STATES OF AMERICA-ASSIGNMENT**

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

- (1) CHUNG, SEUNG WOO
- (2) CHUNG, BYOUNG HYUN
- (3) PARK, JONG HEUNG
- (4) LEE, SEONG-PAL
- (5) \_\_\_\_\_
- (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) Insert Address of Assignee

(8) of 161 Kajong-dong, Yusong-gu, Taejon, Korea

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

(9) a Institute 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) HIGH POWER AMPLIFIER OPERATING POINT DETERMINATION APPARATUS AND METHOD

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

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

(11) Said application having been executed/filed on November 7, 2001 (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 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 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.

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

Date <u>2001.10.22</u>	Name of Inventor	<u>CHUNG, SEUNG WOO</u> typed name	<u>[Signature]</u> (SEAL)
Date <u>OCT. 18, 2001</u>	Name of Inventor	<u>CHUNG, BYOUNG HYUN</u> typed name	<u>[Signature]</u> (SEAL)
Date <u>OCT. 22, 2001</u>	Name of Inventor	<u>PARK, JONG HEUNG</u> typed name	<u>[Signature]</u> (SEAL)
Date <u>23rd Oct 2001</u>	Name of Inventor	<u>LEE, SEONG-PAL</u> typed name	<u>[Signature]</u> (SEAL)
Date _____	Name of Inventor	typed name	(SEAL)
Date _____	Name of Inventor	typed name	(SEAL)
Date _____	Name of Inventor	typed name	(SEAL)

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 separate sheet.

Witness BONG, SU-YEON [Signature]  
Witness CHOI, JIN [Signature]

LAW OFFICES OF  
**JACOBSON HOLMAN, PLLC**  
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