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FORM PTO-1619A

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Patent and Trademark Office

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

## 1. Submission Type

☒ New☐ Resubmission (Non-Recordation)

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☐ Correction of PTO Error

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☐ Corrective Document

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## 2. Name of Conveying Party(ies):

CHO, WONJU

LEE, SEONG JAE

PARK, KYOUNG WAN

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

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

Name: ELECTRONICS and TELECOMMUNICATIONS  
RESEARCH INSTITUTEStreet Address: 161 Kajong-dong, Yusong-gu,City: TaejonState/Country: Korea Zip: \_\_\_\_\_Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: \_\_\_\_\_Execution Date: 10042001

## 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: 10042001☒ the filing date of the application is: 10152001

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. 202-638-6666Attorney Docket No. P67201US0

## 7. Number of applications and patents

1

## 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.

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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.

Signature

October 15, 2001

Date

Total number of pages excluding cover sheet:

PATENT

REEL: 012255 FRAME: 0650

# UNITED STATES OF AMERICA-ASSIGNMENT

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

(1) CHO, WONJU  
 (2) LEE, SEONG JAE  
 (3) PARK, KYOUNG WAN  
 (4) \_\_\_\_\_  
 (5) \_\_\_\_\_  
 (6) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00), and other good and valuable consideration 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) ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

(7) Insert Name of assignee

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

(8) Insert Address of Assignee

(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, territories, dependencies and possessions, in the invention known as

(10) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number

(10) ULTRA SMALL SIZE VERTICAL MOSFET DEVICE AND METHOD FOR THE MANUFACTURE THEREOF

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 October 15, 2001 (and a Serial No New Application )

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or division 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 application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining going forward with such interference.


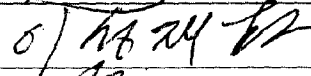

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection provisions of the International Union for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United State Assignee.

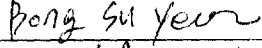
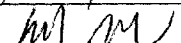
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letter United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) no 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, power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rule 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>04/10/2001</u>	Name of Inventor <u>CHO, WONJU</u>		(SEAL)
	typed name		
Date <u>04/10/2001</u>	Name of Inventor <u>LEE, SEONG JAE</u>		(SEAL)
	typed name		
Date <u>04/10/2001</u>	Name of Inventor <u>PARK, KYOUNG WAN</u>		(SEAL)
	typed name		
Date _____	Name of Inventor _____		(SEAL)
	typed name		
Date _____	Name of Inventor _____		(SEAL)
	typed name		
Date _____	Name of Inventor _____		(SEAL)
	typed name		
Date _____	Name of Inventor _____		(SEAL)
	typed name		

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

☐ A additional inventor's names and signatures 'Witness BONG, SU-YEON   
 separate sheet. Witness CHOI, JIN 

LAW OFFICES OF  
**JACOBSON, PRICE, HOLMAN & STERN**  
 THE JENIFER BUILDING

PATENT

RECORDED: 10/15/2001

REEL: 012255 FRAME: 0651