FORM PT0-1595	EXPRESS MAIL NO.: EL052827715US OVER SHEET U.S. DEPARTMENT OF COMMERCE LY Patent and Trademark Office				
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To the Honorable Commissi 101053950	.ecord the attached original documents or copy thereof.				
1. Name of conveying party(is):	2. Name and address of receiving parties:				
(1) W. C. LIU	Name: <u>NATIONAL SCIENCE COUNCIL</u>				
(2) W. S. LOUR (3) W. L. CHANG	Internal Address:				
Additional name(s) of conveying parties attached? [] Yes [2] No 3. Nature of conveyance:	Street Address: FI. 18, No. 106, Sec				
[Y] Assistment [] Morgor	Hoping E. Road				
[X] Assignment [] Merger					
[] Security Agreement [] Change of Name	City: <u>Taipei</u> State: Zip:				
[] Other	Country: <u>Taiwan, R.O.C.</u>				
Execution Date: <u>May 7, 1999 by W. C. LIU, May 8, 1999</u> by W. S. LOUR and May 10, 1999 by W.L. CHANG	Additional name(s) & address(es) attached? [] Yes [X] No				
4. Application number(s) or patent number(s):	the execution date of the application ic: New 7,4000 by W. C. HU				
A. Patent Application No(s).:	n, the execution date of the application is: <u>May 7, 1999 by W. C. LIU.</u> <u>May 8, 1999 by W. S. LOUR and May 10, 1999 by W.L. CHANG</u> B. Patent No(s):				
69315765					
	 attached2_L1_Vas_[v]_No				
	attached? [] Yes [x] No				
5. Name and address of party to whom correspondence concerning document	6. Total number of application and patents involved: [1]				
should be mailed:	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>				
Richard P. Berg Name: LADAS & PARRY	[X] Enclosed				
Internal Address:	Any additional fees which may be required are				
	[X] Authorized to be charged to deposit account				
Street Address: <u>5670 Wilshire Boulevard, #2100</u>	No. <u>12-0415</u>				
City: Los Angeles State: CA Zip: 90036	8. Deposit account number:				
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9. Statement and signature. To the best of my knowledge and belief, the for					
attached copy is a true copy of the original o	lacument.				
Richard P. Berg	May 20, 1999				
Name of Person Signing Sig	gnature C Date				
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ASSIGNMENT

WHEREAS, <u>W. C. LIU, W. S. LOUR and W. L. CHANG</u> hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title:	HIGH-	BARRIER	GATE	AND	TRI-STEP	DOPED	CHANNEL	FIELD-EFFECT
TRANSI	STOR							
Filed:					Serial N	lo		
Executed	d on:	May 7, 8	and 1	0, 19	99			

WHEREAS, <u>National Science Council</u> of <u>F1. 18. No. 106. Sec.</u> 2. Hoping E. Road, <u>Taipei, Taiwan, R.O.C.</u> hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

LOUR

W. L. CHANG hang

May 7,1999 Date:

- May 8 1999

1 May 10 1999

RECORDED: 05/20/1999