Rev. 6-99 To the Honorable Commissioner of Patents and Trademank. Trade	Commissioner of Patents & Trademarks	08 - 08 - 2000 Vashington, D.C. 202
1. Submission Type 7 27 00 New Resubmission (Non-Recordation) Document ID #	FORM PTO-1619A RECOF	U.S. DEPARTMENT OF COMMER
Resubmission (Non-Recordation) Document ID # Frame #		Patent and Trademark Of
Resubmission (Non-Recordation) Document ID # Correction of PTO Error Reel # Frame # Additional Name(s) of conveying party(s) attached? Ye X 3. Name and Address of Receiving Party(ies): Name: National Science Council Street Address: 18 floor, No. 106, Sec. 2, Ho-Pin E. Road City: Taipel State/Country: R.O.C. Zip: Additional name(s) & address(es) Yes XNo 5. Application number(s) or patent number(s): Yes XNo 5. Application number(s) or patent number(s): Yes XNo 5. Application number(s) or patent number(s): Yes XNo A. Patent Application No.(s) 6. Name and address of party to whom correspondence concerning this matter should be mailed: CUSTOMER NUMBER 00136		remarks. 101.425532 . or copy thereof.
Resubmission (Non-Recordation) Document ID # Correction of PTO Error Real # Frame # Additional Name(s) of conveying party(s) attached? Ye X 3. Name and Address of Receiving Party(ies): Name: National Science Council Street Address: 18 floor, No. 106, Sec. 2, Ho-Pin E. Road City: Taipei State/Country: R.O.C. Zip: Execution Dates: 04152000 and 04192000 Additional name(s) & address(es) Yes XNo 5. Application number(s) or patent number(s): Op	1. Submission Type 7. 27. 0	2. Name of Conveying Party(ies):
Document ID # Correction of PTO Error Reel # Frame # Additional Name(s) of conveying party(s) attached? Ye X 3. Name and Address of Receiving Party(ies): Name: National Science Council	X New	CHANG, Shuo Hung
Reel # Frame # Corrective Document Reel # Frame # Additional Name(s) of conveying party(s) attached?		LI, S. S.
Reel # Frame # Additional Name(s) of conveying party(s) attached?		
Name: National Science Council X Assignment Merger		Additional Name(s) of conveying party(s) attached? Ye X N
Street Address: 18 floor, No. 106, Sec. 2, Ho-Pin E. Road City: Taipei State/Country: R.O.C. Zip: Additional name(s) & address(es) Yes X Np 5. Application number(s) or patent number(s): Yes X Np If this document is being filed together with a new application, X the first execution date of the application is: April 15, 2000 X the filing date of the application is: July 27, 2000 A. Patent Application 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. P65806US0 DO NOT USE THIS SPACE 10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached or is a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Security Agreement Change of Name Ch	Name and Address of Receiving Party(ies):	4. Nature of conveyance:
City: Taipel State/Country: R.O.C. Zip: Execution Dates: Other: Other: O	Name: National Science Council	X Assignment Merger
City: Taipei State/Country: R.O.C. Zip: Additional name(s) & address(es) Tyes No State flits document is being filed together with a new application, If this document is being filed together with a new application, If the first execution date of the application is: July 27, 2000 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. P65806US0 DO NOT USE THIS SPACE 10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Do Not Use This space July 27, 2000 Additional name(s) & address (No. 22,769 Type: Execution Dates: 04152000 and 04192000 Additional name(s) & No. 22,769 Type: Execution Dates: 04152000 and 04192000 Additional name(s) & No. 22,769 Type: Execution Dates: 04152000 and 04192000 Additional name(s) & No. 2016 Execution Dates: 04152000 and 04192000 Additional name(s) & No. 21500 Type: Execution Dates: 04152000 and 04192000 Additional name(s) & No. 2016 B. Patent No.(s) D. Number of applications and patents To be added to deposit account of the application of the a		Security Agreement Change of Name
State/Country: R.O.C. Zip:		Other:
Additional name(s) & address(es) Yes No 5. Application number(s) or patent number(s): O9 (24 9 18) If this document is being filed together with a new application, X the first execution date of the application is: April 15, 2000 X the filling date of the application is: July 27, 2000 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. P65806US0 DO NOT USE THIS SPACE 10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached correct is a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Date		
5. Application number(s) or patent number(s):		No I
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. P65806US0 DO NOT USE THIS SPACE 10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Signature 8. Total fee (37 CFR 3.41) \$ 40.00 X Any deficiencies in enclosed fees are authorize to be charged to deposit account 06-1358 To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. #		April 15, 2000
CUSTOMER NUMBER 00136 or JACOBSON, PRICE, HOLMAN & STERN, PLLC 400 Seventh Street, N.W. Washington, DC 20004 Tel. 202-638-6666 Attorney Docket No. P65806US0 DO NOT USE THIS SPACE 10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Signature 8. Total fee (37 CFR 3.41) \$ 40.00 X Enclosed X Any deficiencies in enclosed fees are authorize to be charged to deposit account 06-1358 John C. Holman, Reg. No. 22,769 July 27, 2000 Date	X the filing date of the application is: July 27, 2	April 15, 2000
JACOBSON, PRICE, HOLMAN & STERN, PLLC 400 Seventh Street, N.W. Washington, DC 20004 Tel. 202-638-6666 Attorney Docket No. P65806US0 DO NOT USE THIS SPACE 10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Signature 8. Total fee (37 CFR 3.41) \$ 40.00 X Any deficiencies in enclosed fees are authorize to be charged to deposit account 06-1358 To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Signature Date	X the filing date of the application is: July 27, 2 A. Patent Application No.(s) 6 Name and address of party to whom correspondents	April 15, 2000 B. Patent No.(s)
Attorney Docket No. P65806US0 DO NOT USE THIS SPACE 10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Any deficiencies in enclosed fees are authorize to be charged to deposit account 06-1358 To be charged to deposit account 06-1358 To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Signature Date	 X the filing date of the application is: July 27, 2 A. Patent Application No.(s) 6 Name and address of party to whom correspondence concerning this matter should be mailed: 	April 15, 2000 B. Patent No.(s)
Tel. 202-638-6666 Attorney Docket No. P65806US0 DO NOT USE THIS SPACE 10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Signature Date	A. Patent Application No.(s) 6 Name and address of party to whom corresponde concerning this matter should be mailed: CUSTOMER NUMBER 00136 or JACOBSON, PRICE, HOLMAN & STERN, PL	April 15, 2000 B. Patent No.(s) ence 7. Number of applications and patents 1 8. Total fee (37 CFR 3.41)
10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached consists a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Signature Date	A. Patent Application No.(s) 6 Name and address of party to whom corresponde concerning this matter should be mailed: CUSTOMER NUMBER 00136 or JACOBSON, PRICE, HOLMAN & STERN, PL 400 Seventh Street, N.W.	April 15, 2000 B. Patent No.(s) ence 7. Number of applications and patents 1 8. Total fee (37 CFR 3.41)
10. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached consists a true copy of the original document. John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Signature Date	A. Patent Application No.(s) 6 Name and address of party to whom corresponde concerning this matter should be mailed: CUSTOMER NUMBER 00136 or JACOBSON, PRICE, HOLMAN & STERN, PL 400 Seventh Street, N.W. Washington, DC 20004 Tel. 202-638-6666	April 15, 2000 B. Patent No.(s) ence 7. Number of applications and patents 1 8. Total fee (37 CFR 3.41)
John C. Holman, Reg. No. 22,769 Name of Person Signing/ Reg. # Signature Date	A. Patent Application No.(s) 6 Name and address of party to whom corresponde concerning this matter should be mailed: CUSTOMER NUMBER 00136 or JACOBSON, PRICE, HOLMAN & STERN, PL 400 Seventh Street, N.W. Washington, DC 20004 Tel. 202-638-6666 Attorney Docket No. P65806US0	April 15, 2000 B. Patent No.(s) ence 7. Number of applications and patents 1 8. Total fee (37 CFR 3.41)
Name of Person Signing/ Reg. # Signature Date	A. Patent Application No.(s) 6 Name and address of party to whom corresponde concerning this matter should be mailed: CUSTOMER NUMBER 00136 or JACOBSON, PRICE, HOLMAN & STERN, PL 400 Seventh Street, N.W. Washington, DC 20004 Tel. 202-638-6666 Attorney Docket No. P65806US0 DO NOT	April 15, 2000 B. Patent No.(s) TUSE THIS SPACE
Exemple 000000035 09636918 Total number of pages excluding cover sheet: 2	A. Patent Application No.(s) 6 Name and address of party to whom corresponde concerning this matter should be mailed: CUSTOMER NUMBER 00136 or JACOBSON, PRICE, HOLMAN & STERN, PL 400 Seventh Street, N.W. Washington, DC 20004 Tel. 202-638-6666 Attorney Docket No. P65806US0 DO NOT 10. Statement and Signature. To the best of my knowledge and belief, the fois a true copy of the original document.	April 15, 2000 B. Patent No.(s) 8. Total fee (37 CFR 3.41)
	A. Patent Application No.(s) 6 Name and address of party to whom corresponder concerning this matter should be mailed: CUSTOMER NUMBER 00136 or JACOBSON, PRICE, HOLMAN & STERN, Pl. 400 Seventh Street, N.W. Washington, DC 20004 Tel. 202-638-6666 Attorney Docket No. P65806US0 DO NOT	April 15, 2000 B. Patent No.(s) ence 7. Number of applications and patents 1 8. Total fee (37 CFR 3.41)

PATENT REEL: 010969 FRAME: 0964

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)		
THE DRIVER OF WAFER STEPPER		
The PATENT RIGHTS referred to in-this agreement are: (check one)		
a patent application for this invention, executed by the ASSIGNOR(S) concurrently with		
this assignment.		
U.S. patent application Serial Nofiled		
a U.S. patent application based on PCT International Application No		
filed on (date) (U.S. patent application Serial No. if, know)		
U.S. patent No issued		
The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above. The PATENT RIGHTS assigned under this agreement are: (check one) U.S. patent rights only. Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.		
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).		
The ASSIGNEE referre d to in this agreement is: (Name of Assignee) NATIONAL SCIENCE COUNCIL (Address) 18 floor, No. 106, Sec. 2, Ho-Pin E. Road, Taipei, R.O.C.		
The ASSIGNEE is: (check one)		
An Individual. A Partnership A Corporation of		
(specify state or country) \(\times \) (other) Research institute		

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns: a) the full and exclusive right to the invention; b) the entire right, title and interest in and to the PATENT RIGHTS; c) the right to sue and recover for any past infringement, and, d) the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, the and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

PATENT REEL: 010969 FRAME: 0965

RECORDED: 07/27/2000

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Full name of sole or first inventor	SIGNATURE OF INVENTOR	DATE
show Hung Chang	Should Conf 6, Section 3, Keeling Rd.	4-15-2000
Residence 102 Alley 7, Lane 15 CitizenshipR.O.C Post Office Ad	t. Section 3, Keeling Rd.	lawan,
Full name of joint inventor, if any	SIGNATURE OF INVENTOR	DATE
5. 5 Li	S.S. Li	4-19-2000
Residence 10, Alley 1, Land 1 CitizenshipR.O.C Post Office Add	56, section 3, Keelung Rd, iress	Taipe!, Taiwan
Full name of joint inventor, if any	SIGNATURE OF INVENTOR	DATE
	iress	
Full name of joint inventor, if any	SIGNATURE OF INVENTOR	DATE
	ress	
Full name of joint inventor, if any	SIGNATURE OF INVENTOR	DATE
ResidenceR.O.C Post Office Addi	ress	

PATENT REEL: 010969 FRAME: 0966