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11011 U.S. PTO
09/30/02
11/14/01

To the **Commissioner for Patents**. Please record the attached original documents or copies thereof.

1. *Name of Conveying Party(ies):*
Ching-Shan LU
Yung-Feng NIEN

11/14/01

2. *Name and Address of Receiving Party(ies):*
Name: **Industrial Technology Research Institute**
Street Address: No. 195, Sec.4, Chung-Hsing Rd.
Chu-Tung Chen

City, State, Zip: Hsin-Chu Hsien, Taiwan, R.O.C.

 Additional name(s) and address(es) attached.

3. *Nature of Conveyance:*
 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: October 22, 2001

4. (A) *Patent Application Number(s):*


09/987302

If this document is being filed together with a new application, the execution date of the application is: October 22, 2001

4. (B) *Patent Number(s):*

 Additional Numbers Attached

5. *Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:*
Name: **Eugene Mar**

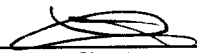

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PATENT TRADEMARK OFFICE

Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

Total Number of Applications and Patents Involved: 1

7. Total Fee: (37 CFR 3.41) **\$40.00**
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: **02-0200**
ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT

9. *Statement and Signature:*
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.
Eugene Mar
Name of Person Signing  November 14, 2001
Signature Date

Total number of pages including cover sheet, attachments and document: 3

11/15/2001 MWOLDER1 00000013 09987302
02 FC:581 40.00 DP

ASSIGNMENT

WHEREAS, I (we), Ching-Shan LU et al whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in "THE MULTIPLE DISCHARGE--SERVO CURVE CONTROL METHOD AND DEVICE OF ELECTRICAL DISCHARGE MACHINE"

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even date herewith
- executed on: _____
- filed on: _____ Serial No.: _____
- established by PCT International Patent Application No.: _____ filed: _____
designating the United States of America

WHEREAS, Industrial Technology Research Institute whose post office address is No.195, Sec., Chung-Hsing Rd., Chu-Tung Chen, Hsin-Chu Hsien, Taiwan hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States; R.O.C.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United states for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

Also, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

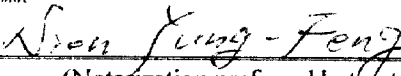
ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

<small>Assignor name</small> Ching-Shan LU	<small>Address</small> No.1, Alley 15, Lane 90, Tsao-Hu Rd., Chia-Yin Tsun, Wu-Feng Hsiang, Taichung Hsien, Taiwan, R.O.C.
<small>Where Signed</small> Hsin-Chu, Taiwan, R.O.C.	
<small>Date</small> October 22, 2001	<small>Signature</small> <i>Lu Ching-Shan</i>
(Notarization preferred but not required)	
ss. _____	
Before me personally appeared said _____ and acknowledged This instrument to be his (her) free act and deed this _____ day of _____, 20 _____.	
_____ Notary Public	
My Commission Expires: _____	

Continued on Next Page

ASSIGNMENT

Page 2

<i>Assignor name</i> Yung-Feng NIEN	<i>Address</i> No.21, Lane 6, Tsu-Li First Rd., Kaohsiung City, Taiwan, R.O.C.
<i>Where Signed</i> Hsin-Chu, Taiwan, R.O.C.	
<i>Date</i> October 22, 2001	<i>Signature</i> 
(Notarization preferred but not required)	
_____ SS.	
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<i>Where Signed</i>	
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