To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copies thereof.

1. Name of Conveying Parties:
   Kuo-Lung LEI
   Ten-Hsing JAW
   Chen-Kuei CHUNG
   Dong-sing WUU
   Ching-Yi WU

2. Name and Address of Receiving Party(ies):
   Name: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
   Internal Address: No. 195, Chung Hsing Rd., Sec. 4, Chutung
   Street Address: Hsinchu, TAIWAN, R.O.C.
   City, State, Zip:  

3. Nature of Conveyance:
   - [X] Assignment
   - [ ] Merger
   - [ ] Security Agreement
   - [ ] Change of Name
   - [ ] Other:

   Execution Date: July 17, 1998

4. (A) Patent Application Number(s):
   09/137,447

4. (B) Patent Number(s):

If this document is being filed together with a new application, the execution date of the application is: 7/17/98

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:
   Name: Eugene Mar
   Address: Bacon & Thomas
   625 Slater's Lane
   Alexandria, VA 22314

6. Total Number of Applications and Patents Involved: 1

7. Total Fee:
   (37 CFR 3.41)
   [X] Enclosed
   [ ] Authorized to be charged to deposit account
   [ ] Deposit Account Number: 02-0200

8. Deposit Account Number: 02-0200

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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
   August 6, 1998

Total number of pages including cover sheet, attachments and document: 4

PATENT
REEL: 9407 FRAME: 0364
DECLARATION FOR PATENT APPLICATION AND APPOINTMENT OF ATTORNEY

ASSIGNMENT

WHEREAS, I (We), Kuo-Lung Lei, Ten-Hsing Jaw, Chen-Kuei Chung, Dong-Sing Wu and Ching-Yi Wu, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in __________________________, (hereinafter referred to as "The Invention") for which an application for United States Letters Patent was executed on even date herewith

executed on __________________________ Serial No. __________________________;

filed as PCT International Application No. __________________________ on __________________________, designating The United States of America;

WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, whose post office address is No. 195 CHUNG HSING RD, SEC. 4, CHUTUNG, HSINCHU, TAIWAN, R.O.C., hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

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, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sale use and behalf; and for the use and behalf of ASSIGNEE's legal regal 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.

Kuo-Lung Lei
Assignor Name
No. 195 CHUNG HSING RD, SEC. 4
Street Address
CHUTUNG, HSINCHU
City
TAIWAN, R.O.C.
State(Zip) or Country

7.15.1998
Date
HSINCHU, TAIWAN
Where Signed
Kuo-Lung Lei
Signature

WITNESS: (Optional)

Print/Type Name
Signature

PATENT
REEL: 9407 FRAME: 0365
Ten-Hsing Jaw
Assignor Name
No. 195 CHUNG HSING RD, SEC. 4
Street Address
CHUTUNG, HSINCHU
City
TAIWAN, R.O.C.
State(Zip) or Country

DATE: July 20, 1998
Where Signed

Ten-Hsing Jaw
Signature

WITNESS: (Optional)

Print/Type Name
Signature

Chen-Kuei Chung
Assignor Name
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City
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State(Zip) or Country

DATE: July 17, 1998
Where Signed

Chen-Kuei Chung
Signature

WITNESS: (Optional)

Print/Type Name
Signature

Dong-Sing Wuu
Assignor Name
No. 195 CHUNG HSING RD, SEC. 4
Street Address
CHUTUNG, HSINCHU
City
TAIWAN, R.O.C.
State(Zip) or Country

DATE: July 17, 1998
Where Signed

Dong-Sing Wuu
Signature

WITNESS: (Optional)

Print/Type Name
Signature

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Ching-Yi Wu
Assignor Name

No. 195 CHUNG HSING RD, SEC. 4
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