

07-12-2005



B/O FORM PTO-1595 (Rev. 4/00)

U.S. Department of Commerce Patent and Trademark Office

103038510

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

1. Name of Conveying Party(ies):

An-Yeu WU
Chih-Hsiu LIN

2. Name and Address of Receiving Party(ies):

Name: National Taiwan University

Street Address: No. 1, Sec. 4, Roosevelt Rd.,
Wunshan District

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

City, State, Zip: Taipei City, Taiwan R.O.C.

Execution Date: 06/06/05

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

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

4. (B) Patent Number(s):

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

06/06/05

☐ Additional Numbers Attached.

Title: Soft-Threshold-Based Multi-Layer Decision Feedback Equalizer And Decision Method

Attorney Docket No.: WUAN3001/EM

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

Name: Eugene Mar

Total Number of Applications and
Patents Involved: 17. Total Fee:
(37 CFR 3.41)

\$40.00

23364

CUSTOMER NUMBER

Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit Account Number: 02-0200

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.**

Richard E. Fichter, 26,382

July 5, 2005

Name of Person Signing

Signature

Date

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

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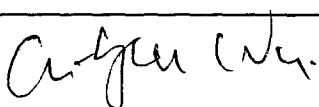
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PATENT
REEL: 016751 FRAME: 0706

ATTORNEY/DOCKET NO:			
ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION			
WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:			
Title:	Soft-Threshold-Based Multi-Layer Decision Feedback Equalizer And Decision Method		
the specification of which (check one):			
☒	X	is executed on even date herewith.	
		was filed on (day-month-year)	as U.S. Application Number
		was filed on (day-month-year)	as PCT Application Number
		was executed on the following date(s) (day-month-year)	

WHEREAS,	National Taiwan University
having a postal address of	No.1, Sec. 4, Roosevelt Rd., Wunshan District, Taipei City, Taiwan R.O.C.
(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;	
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents 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 applications 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 patents 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 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, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.	

Full Name of First or Sole Inventor WU, An-Yeu	Post Office Address 5F., No.130, Singyun St., Neihu District, Taipei City 114, Taiwan R.O.C.
Citizenship Taiwan, R.O.C.	Residence (city, and either state or foreign country, MPEP §605.02)
Date June 6, 2005	Signature 

☒ See following page(s) for additional joint inventors.

(06/Nov2001)

**SUPPLEMENTAL PAGE FOR AN
ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION**

Full Name of Joint Inventor	Post Office Address
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)
Date	Signature

Full Name of Joint Inventor	Post Office Address
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Date	Signature

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Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)
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Citizenship Taiwan, R.O.C.	Residence (city, and either state or foreign country, MPEP §605.02)
Date June, 6, 2005	Signature Chih-Hsiu. Lin

☐ See following page(s) for additional joint inventors.

(05Nov2001)