

04/01/2011

4-1-11



To the Honorable Commissioner of F

103621218

ached original documents or copy thereof.

1. Name of Conveying party(ies):

Yen-Chin LIAO and Hsie-Chia CHANG

Additional name(s) of conveying party(ies) attached? Yes  No

2. Name and address of receiving party(ies):

Name: National Chiao Tung University

Internal Address:

Street Address: No. 1001 Daxue Road

East Dist., Hsinchu City 300  
Taiwan, R.O.C.

Additional name(s) & address(es) attached? Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: March 22, 2011

4. Application number(s) or patent number(s):

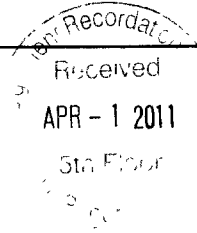
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

12/932,530 filed on February 28, 2011

B. Patent No(s).

Additional numbers attached? Yes  No



5. Name and address of party to whom correspondence should be mailed:

Name: Bucknam and Archer

Internal Address:

Street Address: 1077 Northern Boulevard

City: Roslyn State: NY ZIP: 11576

6. 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: 03-2468

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

04/01/2011 AMULLINE 00000034 12932530

Joseph J. Orlando

Name of Person Signing

*Joseph J. Orlando*  
Signature

March 29, 2011

Date

Total number of pages including cover sheet, attachments, and document: 2

# ASSIGNMENT

PAT1819A

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee  
NATIONAL CHIAO TUNG UNIVERSITY  
No. 1001 Daxue Road  
East Dist., Hsinchu City 300  
Taiwan, R.O.C.

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention  
METHOD FOR CARRY ESTIMATION OF REDUCED-WIDTH MULTIPLIERS

as set forth in his United States Patent Application No 12/932,530, filed on February 28, 2011

check one  
 executed concurrently herewith  
 executed on \_\_\_\_\_  
 PCT No. \_\_\_\_\_ filed \_\_\_\_\_

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of COLLARD & ROE, P.C., 1077 Northern Boulevard, Roslyn, New York 11576, U.S.A., the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

names and signatures of inventors  
X Yen-Chin Liao  
Name: Yen-Chin LIAO  
Date: 2011. 3. 22

X Hsie-Chia Chang  
Name: Hsie-Chia CHANG  
Date: 2011. 3. 22