

08-19-2005



103064769

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jungwon Lee  
Hui-Ling Lou

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

2. Name and address of receiving party(ies)

Name: Marvell Semiconductor, Inc.

Internal Address: \_\_\_\_\_

Street Address: 700 First Avenue

Mail Stop 509

City: Sunnyvale State: CA Zip: 94089

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

112950 U.S. PTO  
11/204069

081505

3. Nature of conveyance:

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

Execution Date: August 12, 2005

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: August 12, 2005

A. Patent Application No.(s)  
Unassigned, filed herewith.

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Michael D. Wiggins

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills State: MI Zip: 48303

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) . . . . . \$ 40 (via attached credit card authorization)

- Enclosed
- Authorized to be charged to deposit account

8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

(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.

Michael D. Wiggins  
Name of Person Signing

[Signature]  
Signature

August 15, 2005  
Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

8.15.05

08/17/2005 HGUTEMA1 00000027 11204069

01 FC:0021 40.00 DP

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

Jungwon Lee

Hui-Ling Lou

who have created a certain invention for which an application for United States Letters Patent was executed by me concurrently herewith and entitled:

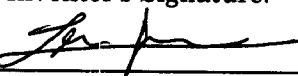
Transmit Diversity Technique Based on Channel Randomization for OFDM Systems


Do hereby sell, assign and transfer to Marvell Semiconductor, Inc., a corporation of California, having a place of business at 700 First Avenue, Sunnyvale, California 94089, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that Marvell Semiconductor, Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.

Full Name of Sole/First Inventor:	
Jungwon Lee	
Inventor's Signature:	Date: Month/Day/Year
	8/12/05

Full Name of Sole/First Inventor:	
Hui-Ling Lou	
Inventor's Signature:	Date: Month/Day/Year
	8/12/05