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1. Name of conveying party(ies)
Yu-Wen HUANG
Chih-Wei HSU
Chih-Hui KUO
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: MediaTek Inc.
Internal Address: _____

3. Nature of conveyance/Execution Date(s):
Execution Date(s) January 22, 2007
 Assignment Merger
 5MTK200605US Change of Name
 Security Agreement
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Street Address: No. 1, Dusing 1st Rd.
Science-Based Industrial Park
City: Hsin-Chu City
State: _____
Country: Taiwan, R.O.C. Zip: 300
Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Andrew D. Fortney, Ph.D.
Internal Address: The Law Offices of Andrew D. Fortney, Ph.D., P.C.
Street Address: 401 W. Fallbrook Ave., Suite 204
City: Fresno
State: CA Zip: 93711
Phone Number: 559-432-6847
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6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers 1447
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9. Signature: Andrew D. Fortney 01-26-2007
Signature Date
Andrew D. Fortney, Ph.D.
Name of Person Signing
Total number of pages including cover sheet, attachments, and documents: **3**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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PATENT
REEL: 018854 FRAME: 0045

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,
Yu-Wen Huang

Chih-Wei Hsu

Chih-Hui Kuo

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

**N-PORT MEMORY CIRCUITS ALLOWING M MEMORY ADDRESSES TO BE
ACCESSED CONCURRENTLY AND SIGNAL PROCESSING METHODS THEREOF**

Do hereby sell, assign and transfer to **MEDIATEK INC.**, a corporation of **Taiwan, R.O.C**, having a place of business at **No.1, Dusing 1st Rd., Science-Based Industrial Park Hsin-Chu City, Taiwan 300, R.O.C.**

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 **MEDIATEK 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: Yu-Wen Huang	
Inventor's Signature: <i>Yu-Wen Huang</i>	Date: Month/Day/Year <i>01/22/2007</i>

Full Name of Second Inventor, if any: Chih-Wei Hsu	
Inventor's Signature: <i>Chih-Wei Hsu</i>	Date: Month/Day/Year <i>01/22/2007</i>

Attorney Docket No.: 5MTK200605US

Full Name of Third Inventor, if any: Chih-Hui Kuo	
Inventor's Signature: <i>Chih Hui Kuo</i>	Date: Month/Day/Year <i>01/22/2007</i>

Full Name of Fourth Inventor, if any:	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fifth Inventor, if any:	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Sixth Inventor, if any:	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Seventh Inventor, if any:	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Eighth Inventor, if any:	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Ninth Inventor, if any:	
Inventor's Signature:	Date: Month/Day/Year

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