

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Shen-Iuan Liu	11/08/2007
Chih-Hung Lee	11/08/2007

**RECEIVING PARTY DATA**

Name:	MEDIATEK INC.
Street Address:	No. 1, Dusing Rd. 1st
Internal Address:	Science-Based Industrial Park
City:	Hsin-Chu
State/Country:	TAIWAN
Postal Code:	300, R.O.C.

Name:	NATIONAL TAIWAN UNIVERSITY
Street Address:	No. 1, Sec. 4, Roosevelt Road
City:	Taipei
State/Country:	TAIWAN
Postal Code:	106, R.O.C.

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	11952423

**CORRESPONDENCE DATA**

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OP \$40.00 11952423

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ATTORNEY DOCKET NUMBER:

251314-5010

NAME OF SUBMITTER:

Daniel R. McClure

Total Attachments: 2

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## ASSIGNMENT

WHEREAS, Shen-Iuan LIU and Chih-Hung LEE  
hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as  
described and set forth in the below identified application for United States Letters Patent:

Title: FREQUENCY SYNTHESIZER

Filed: \_\_\_\_\_ Serial No. \_\_\_\_\_  
Executed on: November 8, 2007

WHEREAS, MediaTek Inc. of No. 1, Dusing Rd. 1<sup>st</sup>, Science-Based Industrial Park, Hsin-Chu 300, Taiwan, R.O.C. and National Taiwan University of No.1, Sec.4, Roosevelt Road, Taipei 106, Taiwan R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Shen-Tuan Liu

Shen-Tuan LIU

2007/11/8

Date:

Chih-Hung Lee

Chih-Hung LEE

2007.11.8

Date:

MPKI-07-078A/0758-A33054US

RECORDED: 12/07/2007

PATENT  
REEL: 020212 FRAME: 0959