



01-18-2005



102921475

RECORDATION FOR

To the Director of the U.S. Pa
Please record the attached origi

<p>1. Name of conveying party(ies): [FAMILY NAME (ALL CAPS), Given Name] HSU, Tse-Hsiang CHEN, Chih-Cheng</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>2. Name and address of receiving party(ies) Name: MEDIATEK INC. Internal Address: Street Address: 5F, No. 1-2, Innovation Road 1, Science-Based Industrial Park City: Hsin Chu City State: ZIP: Country: TAIWAN, R.O.C. Postal Code: 300</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: September 2, 2003 and September 3, 2003, respectively</p>	<p>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:</p> <p>A. Patent Application No(s). 10/668,218</p> <p>B. Patent No.(s).</p> <p>Additional numbers attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 Country: USA</p>	<p>6. Total No. of applications/patents involved: ONE (1)</p> <p>7. Total fee (37 C.F.R. § 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, if no fee attached.</p> <p>8. Deposit account number: <u>02-2448</u></p> <p>(Attach triplicate copy of this page if paying by deposit account)</p>
DO NOT USE THIS SPACE	
<p>9. Statement and signature.</p> <p><u>Joe McKinney Muncy, #32,334</u> <i>Joe McKinney Muncy</i> <u>January 11, 2005</u> Name of Person Signing/Reg. No. Signature Date</p>	
Total number of pages including cover sheet, attachments, and document: TWO (2)	

01/13/2005 DBYRNE 00000070 10668218

01 FC:8021

40.00 0P

KM/csm
(Rev. 04/30/03)

ASSIGNMENT OF PATENT APPLICATION

For good and valuable consideration, receipt of which hereby acknowledged,

I/We,

- (a) TSE-HSIANG HSU
- (b) CHIH-CHENG CHEN

residing at

- (a) 5F, NO. 1-2, INNOVATION ROAD 1, SCIENCE-BASED INDUSTRIAL PARK, HSIN CHU CITY, TAIWAN 300, R.O.C.
- (b) 7F, NO. 247, PU TING RD., HSIN CHU CITY, TAIWAN 300, R.O.C.

assign and transfer to: **MediaTek Inc.**

a corporation organized under the law of Taiwan and having a place of business at :

**5F, No. 1-2, Innovation Road 1, Science-Based Industrial Park, Hsin Chu City, Taiwan 300,
R.O.C.**

its successors and assigns, my entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

LOOP FILTER AND METHOD FOR ADJUSTING A COMPENSATING CURRENT OF THE SAME

including divisions, reissues, continuations and extensions thereof, and all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States application, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in United States; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Joint Inventor (a)	TSE-HSIANG HSU		
Inventor's Signature	<i>Tse-Hsiang Hsu</i>	Date	<i>Sep 2, 2003</i>
Residence	HSINCHU, TAIWAN	Citizenship	R.O.C.

Joint Inventor (b)	CHIH-CHENG CHEN		
Inventor's Signature	<i>Chih-Cheng Chen</i>	Date	<i>Sep 3, 2003</i>
Residence	TAIWAN	Citizenship	R.O.C.

Joint Inventor (c)			
Inventor's Signature		Date	
Residence		Citizenship	

Joint Inventor (d)			
Inventor's Signature		Date	
Residence		Citizenship	

02P031-US

PATENT

RECORDED: 01/11/2005

REEL: 016147 FRAME: 0919