

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the 1. Spelling of the assignor's name - recorded as Gweo-Huei Wu, should be Gwo-Huei Wu. 2. Assignee's address change. previously recorded on Reel 016384 Frame 0636. Assignor(s) hereby confirms the assignment.												
<b>CONVEYING PARTY DATA</b>													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gwo-Huei Wu</td> <td>03/11/2005</td> </tr> <tr> <td>Yuh Cheng</td> <td>03/11/2005</td> </tr> <tr> <td>Chao-Ming Huang</td> <td>03/11/2005</td> </tr> <tr> <td>Chih-Yuan Chen</td> <td>03/11/2005</td> </tr> <tr> <td>Ching-Ning Chiu</td> <td>03/11/2005</td> </tr> </tbody> </table>		Name	Execution Date	Gwo-Huei Wu	03/11/2005	Yuh Cheng	03/11/2005	Chao-Ming Huang	03/11/2005	Chih-Yuan Chen	03/11/2005	Ching-Ning Chiu	03/11/2005
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<table border="1"> <tr> <td><b>Name:</b></td> <td>MediaTek, Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>No.1, Dusing Rd. 1, HsinChu Science Park</td> </tr> <tr> <td><b>City:</b></td> <td>Hsin-Chu City</td> </tr> <tr> <td><b>State/Country:</b></td> <td>TAIWAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>300</td> </tr> </table>		<b>Name:</b>	MediaTek, Inc.	<b>Street Address:</b>	No.1, Dusing Rd. 1, HsinChu Science Park	<b>City:</b>	Hsin-Chu City	<b>State/Country:</b>	TAIWAN	<b>Postal Code:</b>	300		
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<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11077668</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11077668								
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (877)769-7945  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (617) 542-5070          Email: huang@fr.com          Correspondent Name: Rex I. Huang          Address Line 1: FISH &amp; RICHARDSON P.C.          Address Line 2: P.O.BOX 1022          Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	17744-0003001												

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**PATENT**  
**REEL: 023300 FRAME: 0124**

NAME OF SUBMITTER:

Jennifer Robins

**Total Attachments: 6**

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Attorney Docket: 17744-003001/ MTKI-04-060A



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11/07/668



3.11.05

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies): Gwo-Huei Wu, Yuh Cheng, Chao-Ming Huang, Chih-Yuan Chen and Ching-Ning Chiu Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): MediaTek, Inc. 5F, No. 1-2, Innovation Road 1 Science-Based Industrial Park Hsin-Chu City, Taiwan 300, R.O.C.  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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: Execution Date: 3/11/05	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 3/11/05 A. Patent Application No(s): B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed:  DAVID L. FEIGENBAUM Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i>  Rex I. Huang* for David L. Feigenbaum Reg. No. 30,378 Name of Person Signing _____ Signature <u>Rex Huang</u> Date <u>3/11/2005</u> * See attached document certifying that Rex Huang has limited recognition to practice before the U.S. Patent and Trademark Office under 37 CFR § 10.9(b).	

Total number of pages including coversheet, attachments and document: 4

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CERTIFICATE OF MAILING BY EXPRESS MAIL

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Date of Deposit: March 11, 2005

PATENT  
REEL: 023300 FRAME: 0126

**ASSIGNMENT**

For valuable consideration, we, GWO-HUEI WU of No. 8-4, Alley 47, Lane 90, Sec. 2, Chung-Shan Rd., Pan-Chiao City, Taipei Hsien 220, Taiwan, R.O.C., YUH CHENG of No. 27-17, Bo-Ai St., Chu-Pei City, Hsin-Chu Hsien 302, Taiwan, R.O.C., CHAO-MING HUANG of 3F., No.40, Hsin-Po 1st St., Hsin-Tien City, Taipei Hsien 231, Taiwan, R.O.C., CHIH-YUAN CHEN of No. 40-5, Lane 187, Nan-Ya St., Hsin-Chu City 300, Taiwan, R.O.C., CHING-NING CHIU of No.22, Alley 53, Lane 268, Hsin-Min St., Chu-Pei City, Hsin-Chu Hsien 302, Taiwan, R.O.C., hereby assign to MediaTek, Inc., a corporation of Taiwan having a place of business at 5F, No. 1-2, Innovation Road 1, Science-Based Industrial Park, Hsin-Chu City 300, Taiwan; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled LAND/GROOVE TRACK AND PICKUP HEAD MOVEMENT DIRECTION DETECTION, filed \_\_\_\_\_, and assigned U.S. Serial Number \_\_\_\_\_, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Gwo-Huei Wu  
GWO-HUEI WU 2005.3.11

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Yuh Cheng  
YUH CHENG 2005.3.11

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Chao-Ming Huang  
CHAO-MING HUANG 2005.03.11

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Chih-Yuan Chen 2005/03/11  
CHIH-YUAN CHEN

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Ching-Ning Chiu 2005/03/11  
CHING-NING CHIU

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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