

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shao-Ping Hung</td> <td>07/29/2010</td> </tr> <tr> <td>Ching-Hsiang Chuang</td> <td>07/29/2010</td> </tr> <tr> <td>Tien-Hsin Ho</td> <td>07/29/2010</td> </tr> </tbody> </table>		Name	Execution Date	Shao-Ping Hung	07/29/2010	Ching-Hsiang Chuang	07/29/2010	Tien-Hsin Ho	07/29/2010		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>MStar Semiconductor, Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>4F-1, No. 26, Tai-Yuan St., Chupei</td> </tr> <tr> <td><b>City:</b></td> <td>Hsinchu Hsien</td> </tr> <tr> <td><b>State/Country:</b></td> <td>TAIWAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>302</td> </tr> </table>		<b>Name:</b>	MStar Semiconductor, Inc.	<b>Street Address:</b>	4F-1, No. 26, Tai-Yuan St., Chupei	<b>City:</b>	Hsinchu Hsien	<b>State/Country:</b>	TAIWAN	<b>Postal Code:</b>	302
<b>Name:</b>	MStar Semiconductor, Inc.										
<b>Street Address:</b>	4F-1, No. 26, Tai-Yuan St., Chupei										
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (509)944-4692</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 509-324-9256</p> <p>Email: Lynne@leehayes.com</p> <p>Correspondent Name: Lee &amp; Hayes, PLLC</p> <p>Address Line 1: 601 W. Riverside Ave, Suite 1400</p> <p>Address Line 4: Spokane, WASHINGTON 99201</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	M027-0046US										
<b>NAME OF SUBMITTER:</b>	Lynne Mahan										
<p>Total Attachments: 2</p> <p>source=O95365#page1.tif</p> <p>source=O95365#page2.tif</p>											

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**501328190**

**PATENT**  
**REEL: 025181 FRAME: 0255**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....12/910,108  
Filing Date.....Oct 22, 2010  
Inventorship.....  
Applicant.....MStar Semiconductor, Inc.  
Attorney's Docket No. ....m027-0046US  
Client Docket No. ....MST0450US  
Title:

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

SHAO PING HUNG; CHING-HSIANG CHUANG; TIEN HSIN HO

Assignee:

MStar Semiconductor, Inc.  
4F-1, No. 26, Tai-Yuan Street  
Chupei, Hsinchu Hsien, Taiwan 302  
Republic of China

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"Soft decision method and associated signal receiving system"  
for which:

☐ a provisional application for United States Letters Patent was filed on \_\_\_\_\_ and was given U.S. Serial No. \_\_\_\_\_ and/or

☒ a non-provisional application for United States Letters Patent was:

☒ filed on 10/22/10 and was given U.S. Serial No. 12/910,108; or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal representatives, of Lee & Hayes, PLLC, 601 W Riverside Ave, Suite 1400, Spokane, Washington 99201, who are associated with customer number 29150, to insert in the caption above the serial number and filing date of the patent application when known.

WHEREAS, MStar Semiconductor, Inc. (hereinafter referred to as ASSIGNEE), a corporation of Taiwan, Republic of China having a place of business at 4F-1, No. 26, Tai-Yuan Street, Chupei, Hsinchu Hsien, Taiwan 302, Republic of China, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S)

had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Full Name of 1st Inventor: SHAO PING HUNG	
Inventor's Signature: SHAO PING HUNG	Date: 07/29/2010
Residence: Hsinchu Hsien	
Citizenship: Taiwan, R.O.C.	
Mailing Address: 4F-1, No. 26, Tai-Yuan Street, ChuPei, Hsinchu Hsien 302, Taiwan, R.O.C.	

Full Name of Joint Inventor: CHING-HSIANG CHUANG	
Inventor's Signature: Ching-Hsiang Chuang	Date: 07/29/2010
Residence: Hsinchu Hsien	
Citizenship: Taiwan, R.O.C.	
Mailing Address: 4F-1, No. 26, Tai-Yuan Street, ChuPei, Hsinchu Hsien 302, Taiwan, R.O.C.	

Full Name of Joint Inventor: TIEN HSIN HO	
Inventor's Signature: Tien-Hsin Ho	Date: 07/29/2010
Residence: Hsinchu Hsien	
Citizenship: Taiwan, R.O.C.	
Mailing Address: 4F-1, No. 26, Tai-Yuan Street, ChuPei, Hsinchu Hsien 302, Taiwan, R.O.C.	