

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Po Lin Yeh</td> <td>09/10/2010</td> </tr> <tr> <td>Chien-Hsing Lin</td> <td>08/15/2010</td> </tr> <tr> <td>Shao Ping Hung</td> <td>08/23/2010</td> </tr> <tr> <td>Chih-Tien Chang</td> <td>09/01/2010</td> </tr> <tr> <td>Chun-Chia Chen</td> <td>07/15/2010</td> </tr> <tr> <td>Jui Hua Yeh</td> <td>07/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Po Lin Yeh	09/10/2010	Chien-Hsing Lin	08/15/2010	Shao Ping Hung	08/23/2010	Chih-Tien Chang	09/01/2010	Chun-Chia Chen	07/15/2010	Jui Hua Yeh	07/15/2010
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RECEIVING PARTY DATA															
Name:	MStar Semiconductor, Inc.														
Street Address:	4F-1, No. 26, Tai-Yuan St., Chupei														
City:	Hsinchu Hsien														
State/Country:	TAIWAN														
Postal Code:	302														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12956071</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12956071										
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Application Number:	12956071														
CORRESPONDENCE DATA															
Fax Number:	(301)762-4056														
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ATTORNEY DOCKET NUMBER:	0470.0128C														

OP \$40.00 12956071

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**PATENT
 REEL: 025432 FRAME: 0505**

NAME OF SUBMITTER:

Lawrence D. Eisen

Total Attachments: 2

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ASSIGNMENT

For good and valuable consideration, I/WE, Po Lin Yeh, Chien-Hsing Lin, SHAO PING HUNG, CHIH-TIEN CHANG, Chun-Chia Chen and JUI-HUA YEH hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to **MStar Semiconductor, Inc.**, having its principal place of business at 4F-1, Number 26, Tai-Yuan St. Chupei, Hsinchu Hsien 302, Taiwan, R.O.C., hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and

filed on _____ as US. Application Serial No. _____,

entitled: Phase Digitizing Apparatus and Method thereof

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements 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 and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and 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.

SIGNATURE: Po Lin Yeh DATE: 09/10/2010
Po Lin Yeh

SIGNATURE: Chien Hsing Lin DATE: 08/15/2010
Chien-Hsing Lin

SIGNATURE: SHAO PING HUNG DATE: 08/23/2010
SHAO PING HUNG

SIGNATURE: Chih-Tien Chang DATE: 09/01/2010
CHIH-TIEN CHANG

SIGNATURE: Chun-Chia Chen DATE: 07/15/2010
Chun-Chia Chen

SIGNATURE: Jui Hua Yeh DATE: 07/18/2010
JUI-HUA YEH