

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>Jie Guang Huo</td><td>11/28/2006</td></tr><tr><td>Jianping Yang</td><td>11/28/2006</td></tr></tbody></table>		Name	Execution Date	Jie Guang Huo	11/28/2006	Jianping Yang	11/28/2006
Name	Execution Date						
Jie Guang Huo	11/28/2006						
Jianping Yang	11/28/2006						
RECEIVING PARTY DATA							
Name:	Semiconductor Manufacturing International (Shanghai) Corporation						
Street Address:	18 Zhang Jiang Road, Pudong New Area						
City:	Shanghai						
State/Country:	CHINA						
Postal Code:	201203						
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>11615969</td></tr></tbody></table>		Property Type	Number	Application Number:	11615969		
Property Type	Number						
Application Number:	11615969						
CORRESPONDENCE DATA							
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Total Attachments: 1 source=021653-017700US Assignment#page1.tif							

CH 11615969 \$40.00

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, JIE GUANG HUO of Zhang Jiang Road, Pudong New Area, Shanghai, 201203 People's Republic of China; JIANPING YANG of 18 Zhang Jiang Road, Pudong New Area, Shanghai, 201203 People's Republic of China; and CHUN YAN XIN of 18 Zhang Jiang Road, Pudong New Area, Shanghai, 201203 People's Republic of China, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: CMOS IMAGE SENSOR

Date(s) of execution of Declaration:

Filing Date:

Application No.: ; and

WHEREAS, Semiconductor Manufacturing International (Shanghai) Corporation, a corporation of People's Republic of China, located at 18 Zhang Jiang Rd., Pudong New Area, Shanghai, 201203, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 2006 / 11 / 28


Jie Guang Huo

Dated: 2006 / 11 / 28


Jianping Yang

Dated: _____

Chun Yan Xin

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PATENT

RECORDED: 04/04/2007

FROM REEL: 019115 FRAME: 0349 FAX NO. :