

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>Chung-Wen Lan</td> <td>05/12/2011</td> </tr> <tr> <td>Ya-Lu Tsai</td> <td>05/09/2011</td> </tr> <tr> <td>Sung-Lin Hsu</td> <td>05/11/2011</td> </tr> <tr> <td>Chao-Kun Hsieh</td> <td>05/12/2011</td> </tr> <tr> <td>Wen-Chieh Lan</td> <td>05/11/2011</td> </tr> <tr> <td>Wen-Ching Hsu</td> <td>05/09/2011</td> </tr> </tbody> </table>		Name	Execution Date	Chung-Wen Lan	05/12/2011	Ya-Lu Tsai	05/09/2011	Sung-Lin Hsu	05/11/2011	Chao-Kun Hsieh	05/12/2011	Wen-Chieh Lan	05/11/2011	Wen-Ching Hsu	05/09/2011
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RECEIVING PARTY DATA															
Name:	Sino-American Silicon Products Inc.														
Street Address:	No. 8, Industrial East Road 2														
Internal Address:	Science-Based Industrial Park														
City:	Hsinchu														
State/Country:	TAIWAN														
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>13098051</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13098051										
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Application Number:	13098051														
CORRESPONDENCE DATA															
Fax Number:	(703)519-9958														
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NAME OF SUBMITTER:	Raymond J. Ho														
Total Attachments: 2 source=P5053US00_Assignment#page1.tif source=P5053US00_Assignment#page2.tif															

OP \$40.00 13098051

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we) the undersigned, Chung-Wen LAN, Ya-Lu TSAL, Sung-Lin HSU, Chao-Kun HSIEH, Wen-Chieh LAN, and Wen-Ching HSU hereby sell, assign, and transfer to Sino-American Silicon Products Inc., a corporation of Taiwan, having a principal place of business at No. 8, Industrial East Road 2, Science-Based Industrial Park, Hsinchu, Taiwan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

METHOD OF MANUFACTURING CRYSTALLINE SILICON INGOT

- which has been executed by the undersigned concurrently herewith,
 which was _____ and assigned _____

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that 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 that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents 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 assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives 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.

The undersigned hereby grant(s) registered practitioners of the firm of Dittthavong Mori & Steiner, P.C. of 918 Prince Street, Alexandria, Virginia, 22314, the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United State Patent and Trademark Office for recordation of this document.

Each Inventor: Please Sign and Date Below:

5.12, 2011
Date

Chung-Wen LAN
Name: Chung-Wen LAN

5.9, 2011
Date

Ya-Lu Tsai
Name: Ya-Lu TSAI

5.11, 2011
Date

Sung-Lin HSU
Name: Sung-Lin HSU

5.12, 2011
Date

Chao-Kun Hsieh
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5.11, 2011
Date

Wen-Chieh LAN
Name: Wen-Chieh LAN

5.9, 2011
Date

Wen-Ching Hsu
Name: Wen-Ching HSU