

**PATENT ASSIGNMENT**

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 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Industrial Technology Research Institute	12/03/2009
Powerchip Semiconductor Corp.	12/03/2009
Nanya Technology Corporation	12/03/2009
ProMOS Technologies Inc.	12/03/2009
Winbond Electronics Corp.	12/03/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ProMOS Technologies Inc.
<b>Street Address:</b>	3F, No. 19, Li Hsin Rd., Science-Based Industrial Park
<b>City:</b>	Hsinchu
<b>State/Country:</b>	TAIWAN
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12010885
Application Number:	12292508
Application Number:	11797730
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 4:	Falls Church, VIRGINIA 22040-0747
ATTORNEY DOCKET NUMBER:	0941-2170PUS1
NAME OF SUBMITTER:	Paul C. Lewis

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**PATENT**  
**REEL: 024061 FRAME: 0347**

Total Attachments: 4

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P51950113USD1; 0949-A21835D-US  
P51950113US; 0949-A21835-US

Docket No.: 0941-2170PUS1  
0941-1944PUS2  
0941-1944PUS1

### ASSIGNMENT

WHEREAS, **Industrial Technology Research Institute; Powerchip Semiconductor Corp.; Nanya Technology Corporation; ProMOS Technologies Inc.; and Winbond Electronics Corp.**, corporations organized and existing under and by virtue of the laws of Taiwan, having an offices at **195 Chung Hsing Rd., Sec. 4, Chutung, Hsinchu, Taiwan R.O.C.; No. 12, Li-Hsin Rd., 1, Science-Based, Industrial Park, Hsin-Chu, Taiwan R.O.C.; Hwa-Ya Technology Park 669, Fuhsing 3 Rd., Kueishan, Taoyuan, Taiwan R.O.C.; 3F, No. 19, Li Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan R.O.C.; and No. 4, Creation Rd., III Science-Based, Industrial Park, Hsinchu, Taiwan R.O.C.** are the owners of the entire undivided right, title and interest in and to the following listed applications in the United States by previous assignment;

U.S. Application No. 12/010,885, filed January 30, 2008

U.S. Application No. 12/292,508, filed November 20, 2008

U.S. Application No. 11/797,730, filed May 7, 2007

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WHEREAS, **ProMOS Technologies Inc.**, corporation organized and existing under and by virtue of the laws of **Taiwan**, having an office at 3F, No. 19, Li Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C., is desirous of acquiring the entire right, title and interest in and to the said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the improvements therein contained;

NOW THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) lawful money of the United States and other valuable considerations, to me in hand paid, the receipt of and sufficiency whereof are hereby acknowledged, the said **Industrial Technology Research Institute; Powerchip Semiconductor Corp.; Nanya Technology Corporation; ProMOS Technologies Inc.; and Winbond Electronics Corp.**, have sold, assigned and transferred and does hereby sell, assign and transfer unto the said **ProMOS Technologies Inc.**, its successors and assigns, its entire undivided right, title and interest in and to the said application and the invention therein contained, including all rights of action and damages for past infringement, and including the right to apply for any Letters Patent in the United States of America and in all foreign countries on said invention and including the right to claim the priority of the date of filing in the United States and any Letters Patent that may issue thereon, or therefor, in the United States and foreign countries and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which said Letters Patent may be issued, to be held and enjoyed by the said **ProMOS Technologies Inc.**, its successors and assigns the same as it would have been held and enjoyed by **Industrial Technology Research Institute; Powerchip Semiconductor Corp.; Nanya Technology Corporation; ProMOS Technologies Inc.; and Winbond Electronics Corp.**, if this assignment and sale had not been made.

AND, **Industrial Technology Research Institute; Powerchip Semiconductor Corp.; Nanya Technology Corporation; ProMOS Technologies Inc.; and Winbond Electronics Corp.**, hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all

Birch, Stewart, Kolasch & Birch, LLP

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such Letters Patents to the said **ProMOS Technologies Inc.**, in accordance with this instrument of assignment.

**Industrial Technology Research Institute; Powerchip Semiconductor Corp.; Nanya Technology Corporation; ProMOS Technologies Inc.; and Winbond Electronics Corp.**, hereby represents and warrants that there are no rights or interests outstanding inconsistent with the rights and interests granted herein and that **Industrial Technology Research Institute; Powerchip Semiconductor Corp.; Nanya Technology Corporation; ProMOS Technologies Inc.; and Winbond Electronics Corp.**, will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and **Industrial Technology Research Institute; Powerchip Semiconductor Corp.; Nanya Technology Corporation; ProMOS Technologies Inc.; and Winbond Electronics Corp.**, binds itself and its heirs, executors, administrators, employees and legal representatives, as the case may be, to execute and deliver to the said **ProMOS Technologies Inc.**, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the said **ProMOS Technologies Inc.**, its successors and assigns to file applications for the said improvements and invention in any country where it may elect to file such applications, and that may be necessary to vest in the said **ProMOS Technologies Inc.**, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.


AND, **Industrial Technology Research Institute; Powerchip Semiconductor Corp.; Nanya Technology Corporation; ProMOS Technologies Inc.; and Winbond Electronics Corp.**, further covenants and agrees, in consideration of the premises, that it, its executors and administrators will, at any time upon request, communicate to the said **ProMOS Technologies Inc.**, its successors and assigns, any facts relating to the said invention and improvements and the history thereof, known to it or its successors and assigns, and that it will testify as to the same in any interference or other proceeding when requested to do so by the said **ProMOS Technologies Inc.**, its successors and assigns.

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The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, **Industrial Technology Research Institute; Powerchip Semiconductor Corp.; Nanya Technology Corporation; ProMOS Technologies Inc.; and Winbond Electronics Corp.**, has hereunto set its seal this 3 day of December, 2009.

**Industrial Technology Research Institute**

By: Diane CHEN 

Title: Director

**Powerchip Semiconductor Corp.**

By: Brian SHIEH 

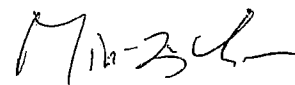
Title: President

**Nanya Technology Corporation**

By: Jih LIEN 

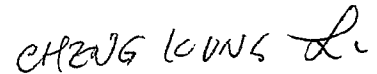
Title: President

**ProMOS Technologies Inc.**

By: Min-Liang Chen 

Title: Chairman

**Winbond Electronics Corp.**

By: Cheng-Kung LIN 

Title: Vice President