

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shyh-Shyuan Sheu	12/15/2008
Lieh-Chiu Lin	12/15/2008
Pei-Chia Chiang	12/15/2008
Wen-Pin Lin	12/15/2008

RECEIVING PARTY DATA

Name:	Industrial Technology Research Institute
Street Address:	No. 195, Sec. 4, Chung Hsing Road
Internal Address:	Chutung
City:	Hsinchu
State/Country:	TAIWAN
Postal Code:	31040

Name:	Powerchip Semiconductor Corp.
Street Address:	No. 12, Li-Hsin Road
Internal Address:	Science-Based Industrial Park
City:	Hsinchu
State/Country:	TAIWAN

Name:	Nanya Technology Corporation
Street Address:	Hwa-ya Technology Park 669, Fuhsing 3 Road
Internal Address:	Taoyuan
City:	Kueishan
State/Country:	TAIWAN

Name:	ProMOS Technologies, Inc.
Street Address:	3F., No. 19, Li-Hsin Road
Internal Address:	Science-Based Industrial Park
City:	Hsinchu

OP \$40.00 13215491

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**PATENT
 REEL: 026791 FRAME: 0363**

State/Country:	TAIWAN
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Name:	Winbond Electronics Corp.
Street Address:	No. 4, Creation Road
Internal Address:	Science-Based Industrial Park
City:	Hsinchu
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13215491

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	N-003.P002DIV/0949-A22278
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NAME OF SUBMITTER:	Li K. Wang
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Total Attachments: 2
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ASSIGNMENT

WHEREAS, Shyh-Shyuan SHEU, Lieb-Chiu LIN, Pei-Chia CHIANG and Wen-Pin LIN hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: DATA PROGRAMMING CIRCUITS AND MEMORY PROGRAMMING METHODS

Filed: November 21, 2008 Serial No. 12/275,223

Executed on: December 15, 2008; December 15, 2008; December 15, 2008
and December 15, 2008

WHEREAS,

(1) Industrial Technology Research Institute of No. 195, Sec. 4, Chung Hsing Rd., Chutung, Hsinchu 31040, Taiwan, R. O. C.

(2) Powerchip Semiconductor Corp. of No. 12, Li-Hsin Rd. I, Science-Based Industrial Park, Hsin-Chu, Taiwan, R.O.C.

(3) Nanya Technology Corporation. of Hwa-Ya Technology Park 669, Fuhsing 3 Rd., Kueishan, Taoyuan, Taiwan, R.O.C

(4) PromOS Technologies Inc. of 3F, No. 19, Li Hsin Rd., of Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

(5) Winbond Electronics Corp. of No. 4, Creation Rd. III, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Shyh-Shyuan SHEU
Shyh-Shyuan SHEU

December 15, 2008
Date:

Lieh-Chiu LIN
Lieh-Chiu LIN

December 15, 2008
Date:

Pei-Chia CHIANG
Pei-Chia CHIANG

December 15, 2008
Date:

Wen-Pin LIN
Wen-Pin LIN

December 15, 2008
Date: