Attorney Docket No. 10120261 Page 1 of 1

RECORDATION F	ORM COVER SHEET
To the Honorable Commission Please record the attached or	ner of Patents and Trademarks; ginal documents or copy thereof.
<ol> <li>Name of conveying party(ies):         Wei-Su CHEN, Yi-Chan CHEN, Hong-Hui HSU, Chien-Min LEE, Der-Sheng CHAO, Chih Wei CHEN, Ming-Jinn TSAI         Additional name(s) of conveying parties attached?</li></ol>	2. Name and address of receiving party(ies) Name: Industrial Technology Research Institute Internal Address: Street Address: 195 Chung Hsing Road, Sec. 4, Chutung City: Hsinchu State: Zip: Country: TW Additional names(s) & address(es) attached?  Yes \( \sumset \) No
<ul> <li>Execution Date: 9/3/2007</li> <li>Application number(s) or patent number(s): If this document is being filed together with a new applic A. Patent Application No.(s): 11/857,396</li> </ul>	ation, the execution date of the new application is:  B. Patent No.(s):
	! ached? ☐ Yes ☒ No
<ol> <li>Name and address of party to whom correspondence concerning this document should be mailed.</li> <li>Name: Quintero Law Office</li> <li>Street Address: 2210 Main Street, Suite 200</li> <li>City: Santa Monica State: CA Zip: 90405</li> </ol>	6. Total number of applications and patents involved: 1  7. Total fee (37 C.F.R. 3.41): \$40  Enclosed  Authorized to be charged to credit card (Form PTO-2038 attached)  X Authorized to be charged to deposit account, if no fee attached.
	Deposit account number: 502447  (Attach duplicate cover sheet if paying by deposit account)
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information original document.  \[ \begin{align*} \text{\text{\text{original}}} & \text{\text{\text{\text{\text{\text{\text{\text{\text{original}}}}}} & \text{\te}\text{\texi}\text{\text{\texi{\text{\texi{\texi\texi{\text{\texi{\text{\	
Nelson A. Quintero, #52,143	September 19, 2007
Name of person signing Signatu	11
Total number of pages including cover	
Form PTO-1595 (modified) (10-02) Rev	

PATENT REEL: 019851 FRAME: 0606

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## ADDITIONAL ASSIGNEES:

POWERCHIP SEMICONDUCTOR CORP.

ADDRESS: NO. 12, LI-HSIN RD. I, SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU, TAIWAN, R.O.C.

NANYA TECHNOLOGY CORPORATION.

ADDRESS: HWA-YA TECHNOLOGY PARK 669, FUHSING 3 RD., KUEISHAN, TAOYUAN, TAIWAN, R. O.C.

PROMOS TECHNOLOGIES INC.

ADDRESS: 3F., NO. 19, LI HSIN RD., OF SCIENCE-BASED INDUSTRIAL PARK HSINCHU, TAIWAN, R.O.C.

WINBOND ELECTRONICS CORP.

ADDRESS: NO. 4, CREATION RD. III, SCIENCE-BASED INDUSTRIAL PARK, HSINCHU, TAIWAN, R.O.C.

PATENT REEL: 019851 FRAME: 0607

## ASSIGNMENT

WHEREAS, Wei-Su CHEN, Yi-Chan CHEN, Hong-Hui HSU, Chien-Min LBE, Der-Sheng CHAO, Chih-Wei CHEN and Ming-Jinn TSAI 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: PHASE CHANGE MEMORY DEVICE AND METHOD FOR FABRICATING THE SAME	r	
BSTIBLIVO.		
Executed on: 2007/9/3, 2007/9/3, 2007/9/3; 2007/9/3; 2007/9/3 a	٠.	
2007/9/3; 2007/9/3; 2007/9/3; 2007/9/3; 2007/9/3 a	.nđ	2007/9/3
Whereas,		

- (1) Industrial Technology Research Institute of 195 Chung Hsing Rd., Sec. 4, Chutung, Hsinchu, 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, Telwan, R.O.C.
- (4) ProMOS Technologies Inc. of 3P. 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. Hsinohu. 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.

Assigner 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.

P51950121US/0949-A21845-US

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Wei-Suchen	2007/9/3 ;
Wei-Su CHEN	Date:
Und - Chan Chen	2007/9/8
Yi-Chen CHEN	Date:
Hong-Huj Hsu	2007/9/3
	Dates
Chien-Min LEE	2007/9/8
	Date:
Der-Sheng Chao Der-Sheng CHAO	2007/9/3
Der-Sheng CHAO J	Date:
Chick Wa Chen	2007/9/3
Chin-Wei CHEN	Date:
Dif Im	2007/9/∄
Ming Aran TSAI	Date:

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PATENT REEL: 019851 FRAME: 0609