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Shozo Kawabata Kenji Shibata	Name: Spansion LLC		
Takaaki Furuyama Satoru Kawamoto	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes ✓ No. 3. Nature of conveyance/Execution Date(s):	Street Address: One AMD Place, M/S 68		
Execution Date(s) May 15, 2006	<u> </u>		
✓ Assignment			
Security Agreement Change of Name	Cîty: Sunnyvale		
Joint Research Agreement	State: California		
Government Interest Assignment	Country Heited States 7 in 194000 2452		
Executive Order 9424, Confirmatory License	Country: United States Zip: 94088-3453		
Other	Additional name(s) & address(es) attached? Yes Vo		
11/341,029 Additional numbers at	B. Patent No.(s) ached? ☐ Yes ✓ No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: Vincent B. Ingrassia	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address:	Authorized to be charged by credit card		
	✓ Authorized to be charged to deposit account		
Street Address: Ingrassia Fisher & Lorenz PC	Enclosed		
7150 E. Camelback Road, Suite 325	None required (government interest not affecting title)		
City: Scottsdale	8. Payment Information		
State: Arizona Zip;85251	a. Credit Card Last 4 Numbers Expiration Date		
Phone Number: 480 385-5060			
Fax Number: 480 385-5061	b. Deposit Account Number 50-2091		
Email Address: dcollopy@ifilaw.com	Authorized User Name <u>Timothy J. Lorenz</u>		
9. Signature: Signature	<u>05 /3 / 0(</u>		
Timothy J. Lorenz Name of Person Signing	Total number of pages including cover 6 sheet, attachments, and documents:		

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 017719 FRAME: 0330

United States Utility Patent Application Attorney Docket No.: 033.0100USC1 (AFO1698) First Named Inventor: Shozo Kawabata

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") have invented:

METHOD AND APPARATUS FOR ADDRESS ALLOTTING AND VERIFICATION IN A SEMICONDUCTOR DEVICE

for which application for Letters Patent of the United States:
[] has been executed on even date herewith;
[] executed on;
[X] was filed on January 27, 2006 and assigned U.S. Application Serial No. 11/341,029;
AND WHEREAS, Spansion LLC, a [X] limited liability company; [] partnership
having a place of business at One AMD Place, M/S 68, Sunnyvale, CA 94088-3453 and
(hereinafter "ASSIGNEE"), and successors, assigns, and legal representatives, is desirous o
acquiring an interest therein;
AND WHEREAS a "formal application" as referred to herein shall mean am

AND WHEREAS, a "formal application," as referred to herein, shall mean any provisional, nonprovisional, continuation, continuation in part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT) or other patent application, inventor's certificate, or like document;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid application, to the invention as described in the aforesaid application, and to any formal application which may be filed based in whole or in part on the aforesaid application, in the United States and all foreign countries, together with the right of priority under any international agreements to which the United States currently adheres and adheres to in the future, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND ASSIGNOR HEREBY AGREES to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

ASSIGNOR AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing

Page 1 of 5

Witness #2 Signature

ATSUSHI YOKOI Witness #2 Printed Name

and granting of formal applications based on the invention or improvements therein, and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date(s) written below by ASSIGNOR:

<u>Shefo Kavabata</u> Inventor's Signature	Date:/	15 F May X2006
Inventor's Signature		·
SHOZO KAWABATA		
Inventor's Printed Name		
Shigeki Goto	Date:	15/Nay. /2006
Witness #1 Signature		<i>y</i>
SHIGEKI GOTO		
Witness #1 Printed Name		

Page 2 of 5

Date: 15/ may / 2006

EXECUTED as of the date(s) written below by ASSIGNOR:

Ken I Shibata Inventor's Signature Date: 15/May \2006

KENJI SHIBATA

Inventor's Printed Name

Shugela Goto
Witness #1 Signature

Date: 15 / May. 12006

SHIGEKI GOTO

Witness #1 Printed Name

Utsushi Yokoi

Date: 15 / May / 2006

ATSUSHI YOKOI

Witness #2 Printed Name

 $\mathbf{IF\&L}\;\mathbf{Form}-\mathbf{Assignment}$

Witness #2 Printed Name

EXECUTED as of the date(s) written below by ASSIGNOR:

Takaak: Furuyama Inventor's Signature	Date: 15 / May 1 2006
TAKAAKI FURUYAMA Inventor's Printed Name	
Witness #1 Signature	Date: 15/ May. 1200 b
SHIGEKI GOTO Witness #1 Printed Name	
Utrushi Yokoi Witness #2 Signature	Date: 15 / May / 2006
ATSUSHI Y <u>OKOI</u>	

EXECUTED as of the date(s) written below by ASSIGNOR:

Sator Kawamoto Inventor's Signature	Date: 15/May /2006
SATORU KAWAMOTO Inventor's Printed Name	
Shigelic Goto Witness #1 Signature	Date: 15 / May, /2006
SHIGEKI GOTO Witness #1 Printed Name	
Otsushi Yokoi Witness #2 Signature	Date: 15 / May / 2006

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PATENT REEL: 017719 FRAME: 0335

ATSUSHI YOKOI Witness #2 Printed Name