09-21-2005

FORM PTO-1595 (Rev. 03/05) F (exp. 6/30/05) F	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
7/5/65 10301				
To the Director of the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies):			
1. Names of conveying party(les)/Execution Date(s):				
1) ROMINA ZONCA 2)	Name: STMICROELECTRONICS S.R.L.			
3) 4) 5) 6)	Internal Address: VIA C. OLIVETTI 2			
Execution Dates: 1) SEPTEMBER 3, 2004 4) 2) 5) 6)	Street Address:			
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Joint Research Agreement	City: AGRATE BRIANZA			
3. Nature of conveyance: Assignment Merger	State:			
Security Agreement Change of Name	Country: ITALY Zip 20041			
Joint Research Agreement				
Government Interest Assignment	Additional names & addresses attached? XYes No			
Executive Order 9424, Confirmatory License				
Assignment corrected Notice of Recordation of Assignment correcting the first listed assignee's name. Previously Recorded on Red 015/65 Flame 0082.				
4. Application or patent number(s): This document is being filed together with a new application.				
A. Patent Application No(s). 10/853,015	B. Patent No(s).			
Additional numbers attack	│ ned? │ Yes			
Name and address to whom correspondence concerning document should be mailed:	5. Name and address to whom correspondence 6. Total number of applications and			
Name: Seed Intellectual Property Law Group PLLC	7. Total Fee (37 CFR 1.21(h) & 3.41): <u>\$40</u>			
Internal Address: HAI HAN	Authorized to be charged by credit card.			
Street Address: 701 Fifth Avenue, Suite 6300	Authorized to be charged to deposit account.			
City: Seattle	Enclosed None required (nevernment interest put			
State: <u>WA</u> ZIP: <u>98104-7092</u>	None required (government interest not affecting title)			
Phone Number: 206-622-4900	8. Payment Information			
Fax Number: 206-682-6031	a. Credit Card Last 4 Numbers Expiration Date			
Ernail Address: <u>haih@seedlaw.com</u>	b. Deposit Account Number <u>191090</u> Authorized User Name <u>Hai Han</u>			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
Name of Person Signing Signature Date				
Total number of pages including cover sheet, attachments, and document: 2				

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

FORM PTO-1595 (Rev. 06/04)	RECORDATION FORM COVER SHEET	U.S. DEPARTMENT OF COMMERCE Petent and Trademark Office				
PATENTS ONLY						
Continuation						
Additional name(s) of conveying party(ies)/Execution Date(s):						
· 						
2. Additional name(s) and addresses of receiving party(ies):						
Ovonyx Inc.						
1090 Boeing Street						
Boise, IDAHO 83705						
4. A. Additional Patent Application No.(s):						
B. Additiona	al Patent No.(s):					

OMB No. 0651-0011 (exp 6/30/05) - Docket No. 854163.417

607260_1.DOC

PATENT REEL: 016579 FRAME: 0893

PATENT ASSIGNMENT

09/23/2004

NATURE OF CONVEYANCE: on Reel 115155 Frame 0630. Assignor(s) hereby confirms the assignment entire right, title and interest. Name: STMicrosloctronels S.r.l. Stroet Address: Via C. Olivettl, 2 City: Postal Code: Street Address: H090 Boeing Street City: Street Address: Street Address: H090 Boeing Street City: Street Address: Street Address: Street Address: City: Boise State/Country: IDAHO Postal Code: B3705 PROPERTY NUMBERS Total: 1 Property Type Number: Application Number: (206)882-8031 Correspondent Name: 2065224900 Email: wendyt@SeedIP.com Address Line 1: 701 Fifth Avenue	ylesheet Version v		500007685		
NATURE OF CONVEYANCE: on Reel 115155 Frame 0630. Assignor(s) hereby confirms the assignment entire right, title and interest. Name: STMicrosloctronels S.r.l. Stroet Address: Via C. Olivettl, 2 City: Postal Code: Street Address: H090 Boeing Street City: Street Address: Street Address: H090 Boeing Street City: Street Address: Street Address: Street Address: City: Boise State/Country: IDAHO Postal Code: B3705 PROPERTY NUMBERS Total: 1 Property Type Number: Application Number: (206)882-8031 Correspondent Name: 2065224900 Email: wendyt@SeedIP.com Address Line 1: 701 Fifth Avenue	SUBMISSION TYPE:	E: CORRECTIVE ASSIGNMENT			
Name: STMicroelectroncis S.r.I. Street Address: Via C. Olivetti, 2 City: Agrate Brianza State/Country: ITALY Postal Code: 20041 Name: OVONYX, Inc. Street Address: 1090 Boeing Street City: Boise State/Country: IDAHO Postal Code: 83705 PROPERTY NUMBERS Total: 1 Property Type Number: 10853015 CORRESPONDENCE DATA Fax Number: (206)682-6031 Correspondence will be sent wia US Mail when the fax attempt is unsuccessful. Phone: 2068224900 Email: wendyt@SeedIP.com Address Line 1: 701 Fifth Avenue	NATURE OF CONVEYANCE:		on Reel 015155 Frame 0630. Assign	Corrective Assignment to correct the Assignees Information previously recorded on Reel 015155 Frame 0630. Assignor(s) hereby confirms the assignment of the entire right, title and interest.	
RECEIVING PARTY DATA Name: STMicroelectroncis S.r.l. Street Address: Via C. Olivetti, 2 City: Agrate Brianza State/Country: ITALY Postal Code: 20041 Name: OVONYX, Inc. Street Address: 1090 Boeing Street City: Boise State/Country: IDAHO Postal Code: 83705 PROPERTY NUMBERS Total: 1 Property Type Number: 10853015 CORRESPONDENCE DATA Fax Number: (206)682-6031 Correspondence will be sent via US Mail when the fax attempt is unsuccessibl. Correspondence will be sent via US Mail when the fax attempt is unsuccessibl. Phone: 2068224900 Email: wendyt@SeediP.com Correspondent Name: Hal Han, Ph.D. Address Line 1: 701 Fifth Avenue	CONVEYING PARTY	DATA			
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Street Address: Via C. Olivetti, 2 City: Agrate Brianza State/Country: ITALY Postal Code: 20041 Name: OVONYX, Inc. Street Address: 1090 Boeing Street City: Boise State/Country: IDAHO Postal Code: B3705 PROPERTY NUMBERS Total: 1 Property Type Number Application Number: 10853015 CORRESPONDENCE DATA Fax Number: (206)682-6031 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 2065224900 Email: wendyt@SeediP.com Correspondent Name: Hai Han, Ph.D. Address Line 1: 701 Fifth Avenue	RECEIVING PARTY D	ATA			
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Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 2066224900 Email: wendyt@SeediP.com Correspondent Name: Hai Han, Ph.D. Address Line 1: 701 Fifth Avenue	Fax Number: (206)682-6031				
Phone: 206224900 Email: wendyt@SeediP.com Correspondent Name: Hai Han, Ph.D. Address Line 1: 701 Fifth Avenue	Correspondence will be sent via US Mail when the fax attempt is unsuccessful.				
Correspondent Name: Hai Han, Ph.D. Address Line 1: 701 Fifth Avenue	Phone: 2066224900				
Address Line 1: 701 Fifth Avenue					
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Address Line 2: Sulte 6300					
Address Line 4: Seattle, WASHINGTON 98104-7092					

PATENT

REEL: 016579 FRAME: 0894

09/19/2005 15:58 FAX 1 206 682 6031 SEED IP LAW GROUP PLLC Rightfax 9/24/04 11:04 PAGE 005/005 rax perver Hai Han, Ph.D. NAME OF SUBMITTER: Total Attachments: 1

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PATENT REEL: 016579 FRAME: 0895

2009/009

09/19/2005 15:58 FAX 1 206 682 6031

ASSIGNMENT

WHEREAS, I, Romina Zonca (hereinafter referred to as ASSIGNOR), having a mailing address of Corso Garibaldi, 36, Milano, Italy 20121, am the sole inventor of an invention entitled "PROCESS FOR FORMING A THIN FILM OF TISIN, IN PARTICULAR FOR PHASE CHANGE MEMORY DEVICES," as described and claimed in the specification for which an application for United States letters patent was filed on May 25, 2004, and assigned Application No. 10/853,015; This application claims the benefit of European Application No. 03425337,7, filed May 26, 2003;

WHEREAS, STMicroelectronics S.r.l., a corporation of haly having a place of business at Via C. Oliveri, 2, I-20041 Agrate Brianza, Italy, and OVONYX, Inc. a corporation of the State of Idaho having a place of business at 1090 Boeing Street, Boise, Idaho 83705 (hereinafter referred to as ASSIGNEES), are desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the curice right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters parent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Tradomarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Saptember 3, 2004	Rouse Aug
Date	Romina Zonca
before me, and said person acknowled	mry evidence that Romana Zonca is the person who appeare lged that she signed this instrument and acknowledged it to b and purposes mentioned in the instrument.
Date: September 3, 2004	Witness 2. VDa
1691Assignment DOC (854163-417)	Printed Name Davids VILLA

PATENT REEL: 016579 FRAME: 0896