FORM PTO-1595 RECORDAT	02-23-2004	U.S. DEPT. OF COMMERCE
1-31-92		Patent & Trademark Office
To the Honorable Commissioner of Patents and Trademarks P		s or copy thereof.
1. Name of conveying party(ies)	102674799 2. Name and address of received	eiving party(ies).
Yvon GRIS	Name: STMicroelectroni	
2/1/1/0 / tes .	Address: 29, Boulevard Rom	
Please man und	F-92120 Montrouge, France	
Additional name(s) of conveying party(ies) attached ()Yes (7/ 1141100
3. Nature of Conveyance:		
(X) Assignment	() Merger	
() Security Agreement	() Change of Name	
() Other		
Execution Date: Novemb	er 17. 2003	
	211, 2003	
Additional name(s) and address(s) attached? ()Yes (X)No	o e	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new appl		ication is:
A. Patent application No.(s)	B. Patent No.(s)	
10/689,528		
National must	shows abburbado () Was (W) Wa	
Additional num	wbers attached? ()Yes (X)No	
5. Name and address of party to whom	6. Total number of applicat and patents involved:	tions [1]
correspondence concerning document should be mailed:	and patents involved:	
Name: Christopher F. Regan, Esq.	7. Total fee (37 CFR 3.41)	\$_40.00_
Internal Address: Allen, Dyer,	[] Enclosed	
Doppelt, Milbrath & Gilchrist, P.A.	[X] Authorized to be charged to credit card noted in the attached credit card payment form.	
Street Address: 255 S. Orange Ave.		
P.O. Box 3791	8. Deposit Account Number:	
City:Orlando	01-0484	
	If any additional extension and/or fee is required,	
	or, if any additional extension	
02/19/2004 HVUUNG1 00000050 10689528		
P4 FC:8021 40.00 DP DO NOT	USE THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and be		
correct and any attached copy is a	true copy of the origin	lal document.
-M	11, 11	
MICHAEL W. TAYLOR	Signature	February 11, 2004
Name of Person Signing	signacure	Date
Total number of pages including cov	er sheet, attachments a	and document: [3]
02GR102454481		

PATENT REEL: 014987 FRAME: 0613

ASSIGNMENT

WHEREAS, Yvon GRIS of Tullins, France;
hereinafter referred to as ASSIGNOR, has made certain
improvements or inventions in PROCESS AND INSTALLATION FOR

DOPING AN ETCHED PATTERN OF RESISTIVE ELEMENTS, for which
ASSIGNOR has executed an application for United States Letters
Patent filed on October 20, 2003 in the United States Patent and
Trademark Office and assigned Serial No. 10/689,528; and

WHEREAS, STMicroelectronics SA, a French corporation, hereinafter referred to as ASSIGNEE, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNOR does hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said ASSIGNOR does hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNOR** for said consideration hereby covenant and agree that said **ASSIGNOR** is the owner of the full

PATENT REEL: 014987 FRAME: 0614 title herein conveyed and have the right to convey the same, and agree that said ASSIGNOR will communicate to said ASSIGNEE any facts known to said ASSIGNOR respecting said invention or inventions, and testify in any legal proceedings when called upon by said ASSIGNEE, sign all lawful papers deemed by said ASSIGNEE as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said ASSIGNEE, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the ASSIGNEE'S expense.

IN WITNESS WHEREOF I have hereunto set my hand on the date indicated below.

November 17th 2003 Date

RECORDED: 02/17/2004

Yvon GRIS

PATENT REEL: 014987 FRAME: 0615