FOR: PTO-1595 7-4-03 RECORDATION	03-10-2003	U.S. DEPT. OF COMMERCI
1-\$1-92 P	: (BO) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	Patent & Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Ple		or copy thereof.
1. Name of conveying party(ies):	102385003 2. Name and address of receiv	
Roberto TIZIANI Carlo PASSAGRILLI	Name: STMicroelectronics Address: Via C. Olivetti, 2	S.r.1.
COLITO TRIBONORIES	20041 Agrate Brianz	a, Italy
Additional name(s) of conveying party(ies) attached ()Yes (
3. Nature of Conveyance:		
(X) Assignment	() Merger	
() Security Agreement	() Change of Name	
() Other		
Execution Date: _ February	ary 3, 2003	
Additional name(s) and address(s) attached? ()Yes (X)No	0	
4. Application number(s) or patent number(s) If this document is being filed together with a new appl.	: ication, the execution date of the applicat	tion is:
A. Patent application No.(s) 10/319,441	B. Patent No.(s)	
Additional number	bers attached? ()Yes (X)No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of application and patents involved:	
Name: Christopher F. Regan, Esq.	7. Total fee (37 CFR 3.41)	\$ 40.00
Internal Address: Allen, Dyer,	[X] Enclosed	
Doppelt, Milbrath & Gilchrist, P.A.	[] Authorized to be charge	ed to
Street Address: 255 S. Orange Ave.	deposit account.	
P.O. Box 3791	8. Deposit Account Number:	
Ci-y:Orlando	01-0484	
State: Florida Zip: 32802	If any additional extension as	
03/07/2003 DBYRNE 00000030 10319441 4 DO NOT	USE THIS SPACE	
- 01 FC:802A 40.00 P		
9. Statement and signature.		
To the best of my knowledge and be correct and any attached copy is a		
Christopher F. Regan Name of Person Signing	Signature	February 25, 2003 Date
Total number of pages including cove 01AG312(53358)		document: [3]
	REEL: 013812 FRAME: 0573	

ASSIGNMENT

WHEREAS, Roberto TIZIANI of Milano, Italy, and Carlo PASSAGRILLI of Milano, Italy; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in SEMICONDUCTOR ELECTRONIC DEVICE AND METHOD OF MANUFACTURING THEREOF, for which ASSIGNORS have executed an application for United States Letters Patent filed on December 13, 2002, in the United States Patent and Trademark Office and assigned Serial No. 10/319,441; and

WHEREAS, STMicroelectronics S.r.l., an Italian 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 ASSIGNORS do 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 ASSIGNORS do 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.

PATENT REEL: 013812 FRAME: 0574 And said ASSIGNORS for said consideration hereby covenant and agree that said ASSIGNORS are the owners of the full title herein conveyed and have the right to convey the same, and agree that said ASSIGNORS will communicate to said ASSIGNEE any facts known to said ASSIGNORS 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 we have hereunto set our hands on the date indicated below.

 $\frac{3/2/263}{2003}$

Poherto TITIANI

3/2/2007

RECORDED: 03/04/2003

Date

Carlo PASSAGRILLI

PATENT REEL: 013812 FRAME: 0575