09-22-1998	FORM PTO-1585	TON FORM COVER SHEET	U.S. DEPT OF COMMERCE
0 the denorable commissioner (         1. Name of conveying party         isrmano NICOLLINI         Address of receiving party(ies):         isrmano NICOLLINI         Address:         (x) Assignment         (x) Security Agreement         (x) Assignment         (x) Assignment         (x) Security Agreement         (x) Other         Execution Date:         September 8, 1998         Additional number(s) or patent number(s):         If this document is being filed tegether with a new application, the execution date of the application is: percenter 8, 1946         A. Patent application No.(s)         B. Patent No.(s)         Not Yet Assigned         Additional numbers attached?         Mane:         Christopher F, Regan, Esg.         7. Total fee (37 CFR 3.41)5_40.00.         Internal Address:         Allen, Dyer.         Exclosed         Mane:       Christopher F, Regan, Esg			Patent & Trademark Office
100835564       Stricroelectronics S.r.I.         introduction NICOLLINI       Address: Via C. Olivetti, 2         20041 Agrate Brianza, Italy         dditional name(s) of conveying party(ise) attacted ()Yes (X)No         2. Nature of Conveyance:       () Merger         (X) Assignment       () Change of Name         () Other	l'o the Honorable Commissioner c	he attached original	documents or copy thereof.
Address:       Via C. Olivetti. 2         Address:       Via C. Olivetti. 2         20041 Agrate Brianza, Italy         dditional name(s) of conveyance:       (X) Assignment         (X) Assignment       () Merger         () Security Agreement       () Change of Name         () Other	I. Name of conveying pa		receiving party(ies):
20041 Agrate Brianza. Italy         dditional name(s) of conveying party(ies) attached () Yes (X) No         3. Nature of Conveyance:         (X) Assignment       () Merger         (a) Security Agreement       () Change of Name         (b) Other	Angelo NAGARI 10083556	54STMicroelectr	onics S.r.l.
<pre>dditional name(s) of conveyance:     (x) Assignment     () Merger     () Security Agreement     () Change of Name     () Other</pre>	Germano NICOLLINI	Address: <u>Via C. Olivet</u>	ti, 2
A. Nature of Conveyance:       (X) Assignment       () Merger         (X) Assignment       () Change of Name         () Other			Brianza, Italy
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<pre>( ) Security Agreement ( ) Change of Name ( ) Other</pre>	<ol> <li>Nature of Conveyance:</li> </ol>		
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Execution Date:       September 8, 1998         cdditional name(s) and address(s) attached?       ()Yes       (X)NO         4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Sentember 8, 1999         A. Patent application No.(s)       B. Patent No.(s)         A. Patent application No.(s)       B. Patent No.(s)         Additional numbers attached?       ()Yes         S. Name and address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents involved:         Name:       Christopher F. Regan, Esq.       7. Total fee (37 CFR 3.41)\$ 40.00         Internal Address:       Allen, Dyer,       (X) Enclosed	( ) Security Agreemen	nt ( ) Change of Nam	
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If this document is being filed together with a new application, the execution date of the application is: September 8, 1998         A. Patent application No.(s)       B. Patent No.(s)         A. Patent application No.(s)       B. Patent No.(s)         Additional numbers attached? ()Yes (X)No       6. Total number of applications and patents involved: [1]         Should be mailed:       7. Total fee (37 CFR 3.41)\$ 40.00         Internal Address:       Allen, Dyer.         Doppelt, Milbrath & Gilchrist, P.A.       [] Authorized to be charged to deposit account.         Street Address:       255 S. Orange Ave.         P.O. Box 3791       8. Deposit Account Number:         .City:       Orlando         State:       Florida         Zip:       32802         DO NOT USE THIS SPACE	Additional name(s) and address(s) attached? ()Yes	( <b>X</b> ) No	
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Internal Address:       Allen, Dyer,       [X] Enclosed        Doppelt, Milbrath & Gilchrist, P.A.       [] Authorized to be charged to deposit account.         Street Address:       255 S. Orange Ave.       [] Authorized to be charged to deposit account.        P.O. Box 3791       8. Deposit Account Number:         .City:       Orlando       01-0484         State:       Florida       Zip: 32802         If any additional extension and/or fee is required or, if any additional fee for claims is required.         09/21/1998 DHSUYEN 00000318 09152719	correspondence concerning document		
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P.O. Box 3791       8. Deposit Account Number:         .City:       Orlando       01-0484         State:       Florida       Zip: 32802       If any additional extension and/or fee is required or, if any additional fee for claims is required.         09/21/1998 DNGUYEN       00000318 09152719       DO NOT USE THIS SPACE	Street Address: 255 S. Orange Ave.	deposit acc	count.
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	9. Statement and signature.		
	To the best of my knowledge and $\gamma_{\lambda}$	belief, the foregoing	information is true an
To the best of my knowledge and belief, the foregoing information is true a			
To the best of my knowledge and belief, the foregoing information is true a correct and any attached copy is a true copy of the original document.	( )( )	· / [//	
	Christopher F. Regan	mat King	<u>September 14, 1998</u>
correct and any attached copy is a true copy of the original document.	Name of Person Signing	Signature	Date
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Christopher F. Regan Name of Person Signing	TOTAL HUMBER OF PAGES INCLUATING CO	over sheet, attachments	
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Correct and any attached copy is a true copy of the original document. Christopher F. Regan Name of Person Signing Fotal number of pages including cover sheet, attachments and document: [3]			PATENT

REEL: 9459 FRAME: 0175

## ASSIGNMENT

WHEREAS, Angelo NAGARI of Cilavegna, Italy, and Germano NICOLLINI of Piacenza, Italy; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in DOUBLE SAMPLED SWITCHED CAPACITOR LOW PASS MULTIRATE FILTER FOR A SA D/A CONVERTER, for which ASSIGNORS have executed an application for United States Letters Patent filed herewith in the United States Patent and Trademark Office; 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 heretcfore 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.

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

PATENT REEL: 9459 FRAME: 0176 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.

9/8/98 Date

<u>9-8-98</u> Date

Alger Ngm.

GERMANO NICOLLINI

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