FORM PTO-1595	PECORD.	ATION FORM COVER SHEET	U.S. DEPT. OF COMMERC	
1-31-92	453020	PATENTS ONLY	Patent & Trademark Offic	
To the Honorable Co	ommissioner of Patents and Trademarks:	: Please record the attached original document	s or copy thereof.	
Pierre RIZZO	nveying party(iew):	2. Name and address of red Name: STMicroelectron Address: 29, Boulevard Ro F-92120 Montrous	ics S.A.	
Additional name(s)	of conveying party(ies) attended TB	es (X)No	05 05 0000	
3. Nature of C	Conveyance:		05-05-2003	
	(X) Assignment	() Merger		
	() Security Agreem	ment () Change of Name	102438170	
	() Other			
	Execution Date:F	February 25, 2003		
Additional name(s) a	and address(s) attached? ()Yes	(X)No		
	2010 C-100 Million (1990)			
4. Application If this document	n number(s) or patent number t is being filed together with a new	r(s): application, the execution date of the applic	ation is:	
	application No.(s)	B. Patent No.(s)		
Tr. Tuccine	10/351,601	B. Fatent NO.(5)		
	Additiona	al numbers attached? ()Yes (X)No		
5. Name and address of party to whom correspondence concerning document should be mailed:		and patents involved:	6. Total number of applications and patents involved: [1]	
Name: Christopher F. Regan, Esq.		7. Total fee (37 CFR 3.41)	7. Total fee (37 CFR 3.41)\$ 40.00	
Internal Address: Allen, Dyer,		[X] Enclosed	[X] Enclosed	
Doppelt, Milbrath & Gilchrist, P.A.			[] Authorized to be charged to deposit account.	
Street Addre	ess: 255 S. Orange Ave.			
P.O. Box 3791		8. Deposit Account Number:	8. Deposit Account Number:	
City:	Orlando	01-0484		
State: Florida Zip: 32802 05/02/2003 LMELLER 00000074 10351601			If any additional extension and/or fee is required, or, if any additional fee for claims is required.	
)1 FC:8021	40.00 pb DO	NOT USE THIS SPACE		
9. Statement	t and signature.			
To the pest correct and	of my knowledge and any attached copy is	belief, the foregoing in a true copy of the origin	formation is true and nal document.	
MICHAEL W.	TAYLOR	Michael L. Jayle	April 25, 2003	
Name of Pers	son Signing	Signature	Date	
Total number 01GOS2155445		cover sheet, attachments a	and document: [3]	

PATENT REEL: 013994 FRAME: 0710

ASSIGNMENT

WHEREAS, Pierre RIZZO of Aubagne, France;
hereinafter referred to as ASSIGNOR, has made certain
improvements or inventions in WIDE DYNAMIC RANGE DEMODULATOR FOR
SMART CARDS OR CONTACTLESS TICKETS, for which ASSIGNOR has
executed an application for United States Letters Patent filed on
January 24, 2003 in the United States Patent and Trademark Office
and assigned Serial No. 10/351,601; and

WHEREAS, STMicroelectronics S.A., 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: 013994 FRAME: 0711 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.

February 25TH 2003

RECORDED: 04/30/2003

Pierre Rizzo

PATENT REEL: 013994 FRAME: 0712