PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Guido Marco Bertoni	07/25/2007
Jefferson Eugene Owen	07/25/2007

RECEIVING PARTY DATA

Name:	STMicroelectronics S.r.l.	
Street Address:	Via C. Olivetti, 2	
City:	Agrate Brianza	
State/Country:	ITALY	
Postal Code:	20041	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11775749

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NAME OF SUBMITTER: Robert lannucci

Total Attachments: 2

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PATENT

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ASSIGNMENT

WHEREAS, we, Guido Marco Bertoni and Jefferson Eugene Owen (hereinafter referred to as ASSIGNORS), having mailing addresses of Via Dalla Chiesa, 6 - 20040 Carnate - Italy and 44177 Bowers Court, Fremont, California 94539 - U.S.A., respectively, are the joint inventors of an invention entitled "ENCODING/DECODING APPARATUS," as described and claimed in the specification for which an application for United States letters patent was filed on July 10, 2007, and assigned Application No. 11/775,749;

WHEREAS, STMicroelectronics S.r.l. (hereinafter referred to as ASSIGNEE), a corporation of the Country of Italy having a place of business at Via C. Olivetti, 2 - 20041 Agrate Brianza - Italy, is 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 therefor 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, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire 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 patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree 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 letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

> PATENT REEL: 019908 FRAME: 0932

July 25, 2007 Date	Grido Marco Bertoni		
Date	Guido Marco Dertoni		
·	I know or have satisfactory evidence that Guido Marco Bertoni is the		
• • •	re me, and said person acknowledged that he signed this instrument		
•	his free and voluntary act for the uses and purposes mentioned in the		
instrument.			
	DatedJuly 25, 2007		
	Signature of Solvatore Remerchio		
	Printed NameSalvatore PENNACCHIO		
	11/2//		
July 25, 2007	Up for the		
Date 7-min	Jeffersøn Eugene Owen		
State of (9)			
State of California County of Santa Cla	rg) ss.		
I certify that	I know or have satisfactory evidence that Jefferson Eugene Owen is		
-	before me, and said person acknowledged that he signed this		
instrument and acknowledged it to be his free and voluntary act for the uses and purposes			
mentioned in the instrumen	_		
	Dated 07-25-201		
	Signature of Notary Public Walk Abaks		
	Printed Name EMS-Key Abahan		
	My appointment expires 1/-25-10		
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(851063.507)	ELVIS-REY R. ABAKAN Commission # 1707430		
	Notary Public - California		
	My Comm. Expires Nov 25, 2010		

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RECORDED: 10/02/2007