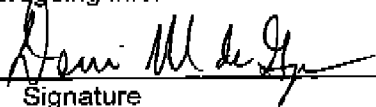


FORM PTO-1595 (Rev. 8-93)		RECORDATION FORM COVER SHEET		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
<b>PATENTS ONLY</b>					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.					
<b>1. Name(s) of conveying party(ies):</b> 1) FRANCESCO PAPPALARDO 2) DANIELE LO IACONO 3) GIUSEPPE AVELLONE 4) AGOSTINO GALLUZZO 5) 6) Additional names of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<b>2. Name and address of receiving party:</b> Name: <u>STMICROELECTRONICS S.R.L.</u> Internal Address: _____ _____ _____ Street Address: <u>VIA C. OLIVETTI, 2</u> _____ _____ Postal Code & City: <u>I-20041 AGRATE BRIANZA</u> Country <u>ITALY</u> Additional names & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Dates: 1) <u>JANUARY 14, 2004</u> 4) <u>JANUARY 14, 2004</u> 2) <u>JANUARY 14, 2004</u> 5) _____ 3) <u>JANUARY 14, 2004</u> 6) _____					
<b>4. Application number(s) or registration number(s):</b> If this document is being filed together with a new application, the filing date of the application is _____ A. Patent Application No(s). 10/669,167 B. Patent No(s). _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <u>Seed Intellectual Property Law Group PLLC</u> Internal Address: <u>DENNIS M. DE GUZMAN</u> _____ Street Address: <u>701 Fifth Avenue, Suite 6300</u> _____ City: <u>Seattle</u> State: <u>WA</u> ZIP: <u>98104-7092</u>			<b>6. Total number of applications and patents involved.....</b> <u>1</u> <b>7. Total Fee (37 CFR 3.41): .....</b> <u>\$40</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account (Attach duplicate copy of this page if paying by deposit account) <b>8. Deposit account number:</b> <u>19-1090</u>		
DO NOT USE THIS SPACE					
<b>9. Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>DENNIS M. DE GUZMAN</u> <u></u> <u>2/13/04</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: <u>2</u>					

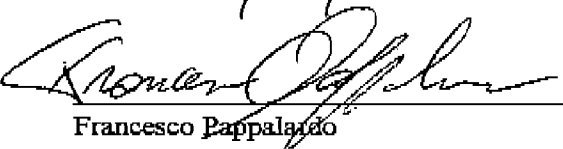
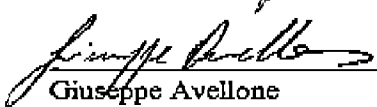
EXPRESS MAIL NO. EV347013402US

## ASSIGNMENT

WHEREAS, we, Francesco PAPPALARDO, Daniele LO IACONO, Giuseppe AVELLONE and Agostino GALLUZZO (hereinafter referred to as ASSIGNORS), having mailing addresses of Via Madonna Della Scala, 10, I-95047 Paternò, Italy; Via Del Vespro, 100, I-98100 Messina, Italy; Via Paisiello, 91, I-90145 Palermo, Italy ; and Piazza Borsellino, 14, I-92020 Palma Di Montechiaro, Italy , respectively, are the joint inventors of an invention entitled "METHOD AND LOW CONSUMPTION DEVICE FOR PARALLEL GENERATING CHANNELIZATION CODES FOR CDMA TRANSMISSIONS, IN PARTICULAR WH AND OVVSF CODES," as described and claimed in the specification for which an application for United States letters patent was filed on September 23, 2003 and assigned Application No. 10/669,167; This application claims the benefit of Italian patent application No. TO2002A 000836, filed September 24, 2002.

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, Agrate Brianza, Italy I-20041, 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 for their use and benefit and of their 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 said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Dated 11/01/04  
Francesco Pappalardo  
Daniele Lo Iacono  
Giuseppe Avellone  
Agostino Galluzzo