

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Marco PASOTTI	12/02/2010
Marcella CARISSIMI	12/02/2010
Davide LENA	12/01/2010
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12968522
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<b>NAME OF SUBMITTER:</b>	Bryan A. Santarelli

OP \$40.00 12968522

Total Attachments: 3  
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**PATENT**  
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## ASSIGNMENT

WHEREAS we, Marco PASOTTI; Marcella CARISSIMI; and Davide LENA (hereinafter "ASSIGNORS"), having mailing addresses of Via B. Croce 6, I-27020 Travaco' Siccomario (PV), Italy; Via Lega Lombarda 1, I-24048 Treviolo (BG), Italy; and Via Aldo Moro 20, I-32027 Taibon (BL), Italy, respectively, are the joint inventors of the invention(s) disclosed in an application for United States letters patent entitled, **FTP MEMORY DEVICE WITH PROGRAMING AND ERASING BASED ON FOWLER-NORDHEIM EFFECT**, filed \_\_\_\_\_, and allotted United States Patent Application No \_\_\_\_\_ (an attorney for the assignee may enter this information after this Assignment is executed); and

WHEREAS, STMicroelectronics S r l. (hereinafter "ASSIGNEE"), a juristic entity of Italy, having a principle place of business at Via C. Olivetti, 2, I-20041 Agrate Brianza (MB), Italy, is desirous of acquiring the entire right, title, and interest in and to the invention(s), application(s), and/or any letters patent(s) 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 ASSIGNEES the entire right, title, and interest in and to said invention(s), said application(s), including any and all nonprovisional application(s) for letters patent claiming priority thereto, and any and all letters patent(s) which may be granted therefor in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisional, reissue, continuation, continuation-in-part, and substitute application(s) thereof, including the right to file any foreign application(s) directly in the name of ASSIGNEES and to claim priority rights deriving from said United States application(s) to which said foreign application(s) are entitled by virtue of international convention, treaty, or otherwise, said invention(s), application(s) and any and all letters patent(s) granted therefor to be held and enjoyed by ASSIGNEES, their successors, and assigns as fully and entirely as same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made.

ASSIGNORS hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent(s) on said invention(s) to ASSIGNEES;

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made which would conflict with this assignment;

ASSIGNORS further transfer and assign to ASSIGNEES all causes of action, rights, and remedies arising under any such application(s) for United States and/or foreign letters patent(s) on said invention(s) prior to or after the effective date of this Assignment; and

ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for any and all application(s) for United States and/or foreign letters patent(s) on said invention(s), for litigation regarding any and all application(s) and/or letters patent(s), and/or for the purpose of protecting title to said invention(s), application(s), and/or letters patent(s) therefor.

Marco Pasotti  
Marco PASOTTI

2/12/2010  
DATE

I hereby declare that I was personally present and did see ASSIGNOR, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this 2 day of December, 2010, of his/her own free will for the purpose expressed therein at the following location:

Agate Bronze (ITALY)

WITNESS ROBERTO BREGOLI  
Name: Roberto Bregoli

Signature: Roberto Bregoli

Marcella Carissimi  
Marcella CARISSIMI

02/12/2010  
DATE

I hereby declare that I was personally present and did see ASSIGNOR, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this 02 day of December, 2010, of his/her own free will for the purpose expressed therein at the following location:  
Agate BRIANZA (ITALY)

WITNESS

Name: GIACOMI GIANNI

Signature: [Signature]

Davide Lena   
Davide LENA

01/12/2010  
DATE

I hereby declare that I was personally present and did see ASSIGNOR, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this 02 day of December, 2010, of his/her own free will for the purpose expressed therein at the following location:  
Agate Brianza (ITALY)

WITNESS

Name: HARMONIER Lionel

Signature: [Signature]