PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Crocifisso Marco Antonio RENNA	06/13/2011

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13160757

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 2110-383-03

NAME OF SUBMITTER: Bryan A. Santarelli

Total Attachments: 2

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PATENT REEL: 026458 FRAME: 0453

ASSIGNMENT

	WHE	EREAS	, Crocifisso	Marco Antonio	RENNA (herei	naftei
"ASSIG	NOR"), ha	ving a mai	ling address of	Via Luigi Russo 7,	I-93012, Gela (CL).	Italy
am the	sole inve	ntor of the	invention(s) d	isclosed in an appl	ication for United S	States
letters	patent	entitled,	"VERTICAL	CONDUCTIVE	CONNECTIONS	IN
SEMIC	ONDUCTO	R SUBST	'RATES", havin	g a filing date of		_, and
having	heen allott	ed United	States Patent /	application Serial No		_, (ar
attome	y for the as	ssignee m	ay enter this inf	ormation after this i	Assignment is exec	uted)
and						

WHEREAS, STMicroelectronics S.r.I. (hereinafter "ASSIGNEE"), a juristic entity of the State 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, ASSIGNOR hereby sells, assigns, and transfers unto said ASSIGNEE 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 ASSIGNEE 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 ASSIGNEE, its successors, and assigns as fully and entirely as same would have been held and enjoyed by ASSIGNOR had this assignment, transfer, and sale not been made;

Page 1 of 2

Attorney Docket No.: 2110-383-03 (09-CT-120/DP)

ASSIGNOR hereby authorizes 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 ASSIGNEE;

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

ASSIGNOR further transfers and assigns to ASSIGNEE 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

ASSIGNOR agrees 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.

Jaka Was		13/	06/2011
Crocifisso Márco Antoni	Ŏ RENNA	DATE /	7

GELA, Italy

WITNESS

Name: Denise MESSINA

Signature:

Page 2 of 2

Attorney Docket No.: 2110-383-03 (09-CT-120/DP)

RECORDED: 06/15/2011