

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Marco CASARSA		12/12/2007
RECEIVING PARTY DATA		
Name:	STMicroelectronics S.r.l.	
Street Address:	Via C. Olivetti, 2	
City:	Agrate Brianza (MI)	
State/Country:	ITALY	
Postal Code:	20041	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11963036	
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	06AG03753616	
NAME OF SUBMITTER:	David S. Carus	
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif		

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PATENT  
REEL: 020287 FRAME: 0569

A S S I G N M E N T

WHEREAS, Marco CASARSA of Vaprio d'Adda, Italy; hereinafter referred to as ASSIGNOR, has made certain improvements or inventions in IMPROVED SCAN CHAIN ARCHITECTURE FOR INCREASED DIAGNOSTIC CAPABILITY IN DIGITAL ELECTRONIC DEVICES, for which ASSIGNOR has executed an application for United States Letters Patent filed herewith in the United States Patent and Trademark Office; and

WHEREAS, STMicroelectronics S.r.l., a Italian 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 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.

12 December 2007  
Date

Marco Casarsa  
Marco CASARSA