

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Vincent HEINRICH	06/19/2007
Laurent PAUMIER	06/19/2007
RECEIVING PARTY DATA	
Name:	STMicroelectronics SA
Street Address:	29, Boulevard Romain Rolland
City:	Montrouge
State/Country:	FRANCE
Postal Code:	F-92120
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11830444
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NAME OF SUBMITTER:	CHRISTOPHER F. REGAN
Total Attachments: 2 source=54594_ASSIGNMENT#page1.tif source=54594_ASSIGNMENT#page2.tif	

OP \$40.00 11830444

A S S I G N M E N T

WHEREAS, Vincent HEINRICH of La Tronche, France and Laurent PAUMIER of Grenoble, France; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in METHOD AND DEVICE FOR LAYERED DECODING OF A SUCCESSION OF BLOCKS ENCODED WITH AN LDPC CODE, for which ASSIGNORS have executed an application for United States Letters Patent filed herewith, in the United States Patent and Trademark Office; and

WHEREAS, STMicroelectronics SA, a French company, 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 ASSIGNORS do 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 ASSIGNORS do 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 ASSIGNORS for said consideration hereby covenant and agree that said ASSIGNORS are the owners of the full title herein conveyed and have the right to convey the same, and agree that said ASSIGNORS will communicate to said ASSIGNEE any

facts known to said **ASSIGNORS** 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 we have hereunto set our hands on the date indicated below.

19/06/2007
Date

Vincent Heinrich
Vincent HEINRICH

June 19, 2007
Date

Laurent Paumier
Laurent PAUMIER