

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the Assignee information previously recorded on Reel 021562 Frame 0960. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
Herve CHALOPIN	02/20/2008
Anne COLLARD-BOVY	02/21/2008
Philippe COURMONTAGNE	06/22/2008

RECEIVING PARTY DATA

Name:	STMicroelectronics (Rousset) SAS
Street Address:	Z.I. de Peynier Rousset, Avenue Coq
City:	Rousset
State/Country:	FRANCE
Postal Code:	13790

Name:	Universite de Provence Aix Marseille I
Street Address:	3 Place Victor-Hugo
City:	Marseille Cedex 03
State/Country:	FRANCE
Postal Code:	13331

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12165868

CORRESPONDENCE DATA

Fax Number: (407)841-2343

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 407-841-2330

Email: slipari@addmg.com

Correspondent Name: Allen, Dyer, Doppelt, Milbrath & Gilchri

Address Line 1: 255 S. Orange Avenue

PATENT

REEL: 021632 FRAME: 0957

500666271

OP \$40.00 12165868

Address Line 2:	Suite 1401
Address Line 4:	Orlando, FLORIDA 32801

ATTORNEY DOCKET NUMBER:	54622
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NAME OF SUBMITTER:	Christopher F. Regan
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Total Attachments: 9
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TO:CHRISTOPHER F. REGAN COMPANY:255 S. ORANGE AVENUE, SUITE 1401

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.109/22/2008
500653388

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Mr. Herve Chalopin</td><td>02/20/2008</td></tr><tr><td>Anne Collard-Bovy</td><td>02/21/2008</td></tr><tr><td>Mr. Philippe Courmontagne</td><td>06/22/2008</td></tr></tbody></table>		Name	Execution Date	Mr. Herve Chalopin	02/20/2008	Anne Collard-Bovy	02/21/2008	Mr. Philippe Courmontagne	06/22/2008		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>STMicroelectronics SA</td></tr><tr><td>Street Address:</td><td>29, Boulevard Romain Rolland</td></tr><tr><td>City:</td><td>Montrouge</td></tr><tr><td>State/Country:</td><td>FRANCE</td></tr><tr><td>Postal Code:</td><td>F-92120</td></tr></table>		Name:	STMicroelectronics SA	Street Address:	29, Boulevard Romain Rolland	City:	Montrouge	State/Country:	FRANCE	Postal Code:	F-92120
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Fax Number: (407)841-2343 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 407-841-2330 Email: mholmes@addmg.com Correspondent Name: Christopher F. Regan Address Line 1: 255 S. Orange Avenue, Suite 1401 Address Line 4: Orlando, FLORIDA 32801											
ATTORNEY DOCKET NUMBER:	54622										
NAME OF SUBMITTER:	Jeremy B. Berman										
Total Attachments: 4 source=54622_assignment#page1.tif source=54622_assignment#page2.tif											

OP \$40.00 12165868

TO:CHRISTOPHER F. REGAN COMPANY:255 S. ORANGE AVENUE, SUITE 1401

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A S S I G N M E N T

WHEREAS, **Hervé CHALOPIN** of Aubagne, France, and **Anne COLLARD-BOVY** of Bouc Bel Air, France, and **Philippe COURMONTAGNE** of Belgentier, France; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **METHOD AND DEVICE FOR PROCESSING A PULSE TRAIN OF A MODULATED SIGNAL, IN PARTICULAR AN ULTRA WIDEBAND SIGNAL MODULATED BY A DIGITAL PULSE INTERVAL MODULATION**, 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 (Rousset) SAS**, a French company, and **Université d'Aix-Marseille 1 - Provence**, a French company, hereinafter referred to as **ASSIGNEES**, are 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 **ASSIGNEES**, 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 **ASSIGNEES** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEES**, sign all lawful papers deemed by said **ASSIGNEES** 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 **ASSIGNEES**, 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 **ASSIGNEES'** expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

February, 20th 2008
Date

Hervé CHALOPIN
Hervé CHALOPIN

Date

Anne COLLARD-BOVY

Date

Philippe COURMONTAGNE

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 **ASSIGNEES** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEES**, sign all lawful papers deemed by said **ASSIGNEES** 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 **ASSIGNEES**, 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 **ASSIGNEES'** expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

Date

Hervé CHALOPIN

Feb 21 2008
Date

Anne Collard Bovy
Anne COLLARD-BOVY

Date

Philippe COURMONTAGNE

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 **ASSIGNEES** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEES**, sign all lawful papers deemed by said **ASSIGNEES** 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 **ASSIGNEES**, 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 **ASSIGNEES'** expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

Date

Hervé CHALOPIN

Date

Anne COLLARD-BOVY

June 22, 2008
Date

Philippe COURMONTAGNE
Philippe COURMONTAGNE