

02-23-2004

SHEET

U.S. DEPT. OF COMMERCE

1-31-92

Patent & Trademark Office

To the Honorable Commissioner of Patents



1 original documents or copy thereof.

1. Name of conveying party(ies):

Loïc JOET

Sébastien DEDIEU

Eric ANDRE; Daniel SAIAS

Additional name(s) of conveying party(ies) attached () Yes (X) No

102674798

2. Name and address of receiving party(ies):

Name: STMicroelectronics SA

Address: 29, Boulevard Romain Rolland

F-92120 Montrouge, France

3. Nature of Conveyance:

(X) Assignment

() Merger

() Security Agreement

() Change of Name

() Other

Execution Date: 1) November 28, 2003; 2-4) November 18, 2003

Additional name(s) and address(s) attached? () Yes (X) No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent application No.(s)

B. Patent No.(s)

10/688,208

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Christopher F. Regan, Esq.

Internal Address: Allen, Dyer,

Doppelt, Milbrath & Gilchrist, P.A.

Street Address: 255 S. Orange Ave.

P.O. Box 3791

City: Orlando

State: Florida Zip: 32802

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40.00

[] Enclosed

[X] Authorized to be charged to credit card noted in the attached credit card payment form.

8. Deposit Account Number:

01-0484

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

MICHAEL W. TAYLOR

Name of Person Signing

Signature

February 11, 2004

Date

Total number of pages including cover sheet, attachments and document: [3]

02GR119554482

A S S I G N M E N T

WHEREAS, **Loïc JOET** of Claix, France, and **Sébastien DEDIEU** of Crolles, France, and **Eric ANDRE** of Fontaine, France, and **Dan SAIAS** of Paris, France; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **METHOD AND DEVICE FOR GENERATING A SIGNAL WITH A FREQUENCY EQUAL TO THE PRODUCT OF A REFERENCE FREQUENCY AND A REAL NUMBER**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed on October 17, 2003 in the United States Patent and Trademark Office and assigned Serial No. 10/688,208; and

WHEREAS, **STMicroelectronics SA**, a French corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

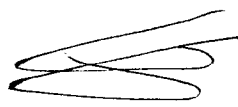
NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, 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.

11/28/2003
Date



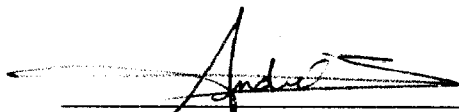
Loïc JOET

11/18/03
Date



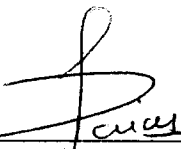
Sébastien DEDIEU

11/18/2003
Date



Eric ANDRE

11/18/2003
Date



Dan SAIAS