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03-17-2003

FORM PTO-1595  
(Rev. 6-93)

RE



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)  
Tab settings - - -

102391558

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 3-14-03

Florence Giry-Cassan  
François van Zanten

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: February 14, 2003

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

STMicroelectronics, S.A.

Street Address:

29 Boulevard Romain Rolland  
F-92120 MONTROUGE, France

Additional name(s) & address(es)  
attached? Yes ☒ 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)

10/310,252 filed December 4, 2002

Additional numbers attached? Yes ☒ No

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

Andre M. Szuwalski  
Jenkins & Gilchrist, P.C.  
1445 Ross Avenue, Suite 3200  
Dallas, Texas 75202-2799

6. Total number of applications and patents  
involved: One (1)

7. Total fee (37 C.F.R. 3.41): ....\$ 40.00

☒ Enclosed  
☐ Authorized to be charged to deposit  
account

8. Deposit account number:

10-0447

(Attach duplicate copy of this page if  
paying by deposit account)

DO NOT USE THIS SPACE

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.

Andre M. Szuwalski  
Name of Person Signing

[Signature] (Reg.No. 35,701)

3/6/03 Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

03/14/2003 LMUELLER 00000203 10310252

01 FC:0021

40.00 DP

PATENT  
REEL: 013837 FRAME: 0513

# ASSIGNMENT

WHEREAS, We, Florence Giry-Cassan and François van Zanten, , have invented certain new and useful improvements in the following:

“PROCESS FOR CONTROLLING THE GAIN  
OF A FREQUENCY TUNER, AND CORRESPONDING  
TUNER, IN PARTICULAR FOR THE RECEPTION OF  
TERRESTRIAL DIGITAL TELEVISION SIGNALS”

for which we have made application for United States Letters Patent, and;

WHEREAS, STMicroelectronics, S.A., having a place of business at 29 Boulevard Romain Rolland, 92120 Montrouge, France, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuation-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said

applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

We further authorize and direct our attorneys to insert below\* the serial number and filing date of said application now identified as Case Docket No. 61170-00006USPX as soon as the same shall have been made known to them by the United States Patent Office.

\*Serial Number: 10/310,252

Filing Date: DEC. 4, 2002

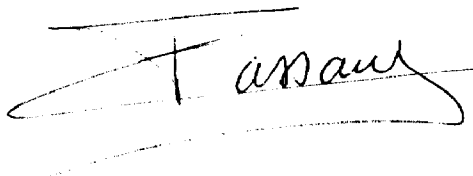
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14th day of Feb. 2003

2002.

*Florence GIRY-CASSAN*

---

Name: Florence Giry-Cassan  
Address: 17, rue Eugène Duprey  
F-38000 GRENOBLE, France

A handwritten signature in cursive script, appearing to read 'F. Giry-Cassan', enclosed within a large, loopy, handwritten flourish or underline.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14<sup>th</sup> day of Feb. 2003

-2002.

*François Van Zanten*

---

Name: François van Zanten  
Address: 8, Allée de la Roseraie  
F-38240 MEYLAN, France

**Jenkins & Gilchrist**  
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**BOX ASSIGNMENT**  
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Washington, D. C. 20231

I hereby certify that this correspondence is being deposited with the United States  
Postal Service as first class mail in an envelope addressed to: Box Assignment,  
Commissioner for Patents, Washington, D. C. 20231  
on 3-17-03

Signature

Re: Applicant(s): Florence Giry-Cassan and François van Zanten  
Serial No. 10/310,252  
Filing Date: December 4, 2002  
For: PROCESS FOR CONTROLLING THE GAIN OF A FREQUENCY TUNER, AND  
CORRESPONDING TUNER, IN PARTICULAR FOR THE RECEPTION OF  
TERRESTRIAL DIGITAL TELEVISION SIGNALS  
Docket No.: 61170-00006USPX

Dear Sir:

Transmitted for filing with the Patent and Trademark Office are the following documents for  
the above-referenced patent application:

1. Form PTO-1595 Assignment Cover Form
2. Original Assignment to STMicroelectronics, S.A.(4) pages
3. Check in the amount of \$40 for assignment recordal fee
4. Postcard acknowledgment

Please address all communications related to this to:

Andre M. Szuwalski  
Jenkins & Gilchrist, P.C.  
1445 Ross Avenue, Suite 3200  
Dallas, Texas 75202-2799

In the event there is an under or over payment, please debit or credit our Deposit Account  
#10-0447.

Respectfully submitted,

Andre M. Szuwalski  
Registration No. 35,701