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FORM PTO-1595
(Rev. 6-93)



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

1. Name(s) of conveying party(ies):

- 1) FABRICE GUITTON
- 2) ANDRE BREMOND
- 3)
- 4)
- 5)
- 6)

Additional names of conveying parties attached? Yes No

2. Name and address of receiving party:

Name: STMICROELECTRONICS S.A.

Internal Address: _____

Street Address: 29, BOULEVARD ROMAIN ROLLAND

Postal Code & City: 92120 MONTROUGE

Country FRANCE

Additional names & addresses attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Dates:

- 1) AUGUST 28, 2001 4) _____
- 2) AUGUST 21, 2001 5) _____
- 3) _____ 6) _____

4. Application number(s) or registration 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): 09/843,095

B. Patent No(s): _____

Additional numbers attached? Yes No

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

Name: Seed Intellectual Property Law Group PLLC

Internal Address: E. RUSSELL TARLETON

Street Address: 701 Fifth Avenue, Suite 6300

City: Seattle State: WA ZIP: 98104-7092

6. Total number of applications and patents involved..... 1

7. Total Fee (37 CFR 3.41): \$40

Enclosed

Authorized to be charged to deposit account

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

8. Deposit account number: 19-1090

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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.

E. RUSSELL TARLETON
Name of Person Signing

E. Russell Tarleton
Signature

Sept. 25, 2001
Date

Total number of pages including cover sheet, attachments, and document: 2

10/02/2001 LMJELLER 00000210 09843095

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40.00 OP

PATENT
REEL: 012204 FRAME: 0347

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|----------------------------|-----------|
| (1) <u>GUITTON Fabrice</u> | (4) _____ |
| (2) <u>BREMOND André</u> | (5) _____ |
| (3) _____ | (6) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

STMicroelectronics S.A.
29, Boulevard Romain Rolland
92120 MONTROUGE, FRANCE

its successors and assign (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

LINE TAKE-UP DETECTION CIRCUIT

(a) for which an application for United States Letters Patent was filed on April 25, 2001, and identified by United States Serial N° 09/843,095 or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

<u>INVENTORS</u>	<u>DATE SIGNED</u>
1) <u>GUITTON Fabrice</u> Name: _____	<u>[Signature]</u> <u>28/8/2001</u>
2) <u>BREMOND André</u> Name: _____	<u>[Signature]</u> <u>21/8/01</u>
3) _____ Name: _____	_____
4) _____ Name: _____	_____
5) _____ Name: _____	_____
6) _____ Name: _____	_____