

02-19-1999



100966772

## **VER SHEET**

3. DEPARTMENT OF COMMERCE Patent and Trademark Office

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

1. Name of conveying party(ies):

## Roland Marbot and GuillaumeCouzon

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

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement

[] Change of Name

[] Other

Execution Date: January 22, 1999

2. Name and address of receiving party(ies)

Name: STMicroelectronics S.A.

Internal Address:

Street Address: 7, Avenue Gallieni

94250 Gentilly, France

Additional name(s) & addresses(es) 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) 09/184,224

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: James H. Morris

Address: WOLF, GREENFIELD & SACKS, P.C.

Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210 00000135 03184224

02/12/1999 RMAGAT 01 FC:581

40.00 OP

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

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

[X] Enclosed

[] Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

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.

James H. Morris Name of Person Signing

February 2, 1999

Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

> **PATENT** REEL: 9758 FRAME: 0902

## 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) (2) (3)	MARBOT Roland COUZON Guillaume			(4) (5) (6)			
	have made a certa gn and transfer unt		and	useful	invention,	hereby	sell,
		7, .	Avenue	lectronics S Gallieni			
	111111111111111111111111111111111111111	942	250 GE	NTILLY,	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

PHASE-LOCKED LOOP CIRCUIT

- (a) for which an application for United States Letters Patent was filed on  $2\ NOVEMBER\ 1998$  , and identified by United States Serial N°  $09/184\ 224$  ; or

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:

INVENTORS	DATE SIGNED
) MARBOT Roland	01/22/99
Name: COUZON Guillaume	01/22/39
Name:	у
)	
Name:	

**RECORDED: 02/05/1999** 

PATENT REEL: 9758 FRAME: 0903