

12/8/03

RECORD



PATENTS

102620682

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

1. Name of conveying party(ies):

- 1) Gianluigi BOARIN
- 2) Francesco ADDUCI
- 3) Mattia ODDICINI
- 4) Salvatore Matteo CRUDO

2. Name and address of receiving party:

STMicroelectronics S.r.l.  
Via C. Olivetti, 2  
I-20041 Agrate Brianza (MI), Italy

Additional name(s) & address(es) attached?  
 Yes  No

3. Nature of conveyance: XX Assignment Execution Date: 1-4) October 15, 2003

4. Application or patent number(s):

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

A. Patent Application No.(s): 10/653,704

B. Patent No.(s):

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

Jon A. Gibbons  
Fleit, Kain, Gibbons, Gutman, Bongini & Bianco P.L.  
One Boca Commerce Center  
551 Northwest 77th Street, Suite 111  
Boca Raton, Florida 33487

6. Total number of applications and patents involved: 1

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

The Commissioner is hereby authorized to charge the above fee to deposit account no. 50-1556.

OPRA/FINANC  
2003 DEC -8 AM 10:42

DO NOT USE THIS SPACE

8. 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.

Jon A. Gibbons  
Name of Person Signing

Signature

12/5/03  
Date

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

Mail document(s) to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

12/11/2003 DBYRME 00000104 501556 10653704  
01 FC:0021 40.00 DA

U.S. Rights--Sole or Joint

**ASSIGNMENT**

name and address of assignee

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

**STMicroelectronics S.r.l.**  
**Via C. Olivetti, 2**  
**I-20041 Agrate Brianza (MI), Italy**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention

*"High speed interface for radio systems"*

as set forth in this United States Patent Application

check one

executed concurrently herewith

executed on \_\_\_\_\_

Serial No. 10/653704 Filed September 2, 2003

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FLEIT, KAIN, GIBBONS, GUTMAN & BONGINI P.L.**, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

**NAME AND SIGNATURE OF INVENTOR(S)**

Name: **Gianluigi BOARIN**

Signature: Gianluigi Boarin

Date: Oct. 15, 2003

Name: **Francesco ADDUCI**

Signature: Francesco Adduci

Date: Oct. 15, 2003

Name: **Mattia ODDICINI**

Signature: Mattia Oddicini

Date: Oct. 15, 2003

Name: **Salvatore Matteo CRUDO**

Signature: Salvatore Matteo Crudo

Date: Oct. 15, 2003

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

Docket No.