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102327886

2 SHEET

U.S. 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):

Giacomo ARDISSONO  
Domenico PEDRALI  
Vittorio PEDUTO

12/23/02

Name and address of receiving party(ies)

STMicroelectronics, srl  
Via C. Olivetti, 2  
I-20041 AGRATE BRIANZA (MI) - ITALY

31046 U.S. PTO  
10/328671

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

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: 12/10/02

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: December 23, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Carol W. Burton, Esq.  
Internal Address: Hogan & Hartson LLP  
One Tabor Center  
1200 17th Street, Suite 1500  
Street Address: same as above  
City: Denver State: CO Zip: 80202

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account (Deficiencies)

8. Deposit account number:

50-1123  
(Attach duplicate copy of this page if paying by deposit account)

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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.

Carol W. Burton  
Name of Person signing

awb  
Signature

12/23/02  
Date

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

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# ASSIGNMENT

In consideration of the sum of One United States Dollar (U.S. \$ 1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Inventor(s) full name(s)

**Giacomo ARDISSONO – Domenico PEDRALI – Vittorio PEDUTO**

hereby sell, assign and transfer to

Assignee Name and Address

**STMicroelectronics s.r.l.  
Via C. Olivetti, 2  
20041 AGRATE BRIANZA (MI) – Italy**

(hereinafter called the Assignee) the entire right, title, and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

Title of Invention

SYSTEM FOR FINDING AND REMOVING ERRORS USING A SERIAL BUS FOR A MICROCONTROLLER

which application was

Complete either (a) or (b)

(a) executed by the undersigned on the 10th day of December 2002

(b) filed on the \_\_\_\_\_ day of \_\_\_\_\_ 2002,  
Serial No. \_\_\_\_\_

including any and all United States Letters Patents 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.

It is hereby authorized and requested that the Commissioner of Patents and Trademarks issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent application.

Location and date

Signed at MILANO, this 10th day of December 2002.

Inventor(s) full signature(s)

Giacomo ARDISSONO

Giacomo Ardissono

Domenico PEDRALI

Domenico Pedrali

Vittorio PEDUTO

Vittorio Peduto