

1-31-92



LY

PTO/PCT Rec'd 23 JAN 2002

To the Honorable Commissioner of

attached original documents or copy thereof.

101989620

1. Name of conveying party(ies):

Serguei ULYANOV; Gianguido RIZZOTTO;
Ichiro KURAWAKI; Serguei PANFILOV;
Fabio GHISI; Paolo AMATO; Massimo PORTO

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

Name: STMicroelectronics S.r.l.
Address: Via C. Olivetti, 2
20041 Agrate Brianza, Italy

2a. Additional name(s) of RECEIVING party(ies) attached (X)Yes ( )No

3. Nature of Conveyance:

- (X) Assignment ( ) Merger
( ) Security Agreement ( ) Change of Name
( ) Other

1.23.02

Execution Date: 1, 4) 10/19/01; 3) 10/25/01
5) 10/22/01; 2, 6, 7) 11/14/01

Additional name(s) and address(s) 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)

B. Patent No.(s)

09/979,348

Additional numbers attached? ( )Yes (X)No

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

Name: Christopher F. Regan, Esq.
Internal Address: Allen, Dyer,
Doppelt, Milbrath & Gilchrist, P.A.
Street Address: 255 S. Orange Ave.
P.O. Box 3791
City: Orlando
State: Florida Zip: 32802

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.

8. Deposit Account Number:

01-0484

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

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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.

MICHAEL W. TAYLOR
Name of Person Signing

Michael W. Taylor
Signature

January 3, 2002
Date

Total number of pages including cover sheet, attachments and document: [7]
99AG37453311

**ADDITIONAL NAMES OF RECEIVING PARTIES:**

2a. Yamaha Motor Europe N.V.  
Koolhovenlaan 101  
NL-1119 NC Schiphol-Rijk

# A S S I G N M E N T

WHEREAS, **Serguei ULYANOV** of Crema, Italy, and **Gianguido RIZZOTTO** of Civate, Italy, and **Ichiro KURAWAKI** of Milano, Italy, and **Serguei PANFILOV** of Crema, Italy, and **Fabio GHISI** of Flero, Italy, and **Paolo AMATO** of Limbiate, Italy, and **Massimo PORTO** of Catania, Italy; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **METHOD AND HARDWARE ARCHITECTURE FOR CONTROLLING A PROCESS OR FOR PROCESSING DATA BASED ON QUANTUM SOFT COMPUTING**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed herewith, in the United States Patent and Trademark Office; and

WHEREAS, **STMICROELECTRONICS S.R.L.** an Italian corporation and **YAMAHA MOTOR EUROPE N.V.** a Netherlands corporation, hereinafter referred to as **ASSIGNEES**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEES**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent

applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenant and agree that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEES** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEES**, sign all lawful papers deemed by said **ASSIGNEES** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEES**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

October 19, 2001  
Date

  
\_\_\_\_\_  
Serguei ULYANOV

\_\_\_\_\_  
Date

\_\_\_\_\_  
Gianguido RIZZOTTO

25 Oct. 2001  
Date

  
\_\_\_\_\_  
Ichiro KURAWAKI

19 October 2001  
Date

  
\_\_\_\_\_  
Serguei PANFILOV

applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenant and agree that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEES** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEES**, sign all lawful papers deemed by said **ASSIGNEES** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEES**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

\_\_\_\_\_  
Date

*14.11.2001*  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

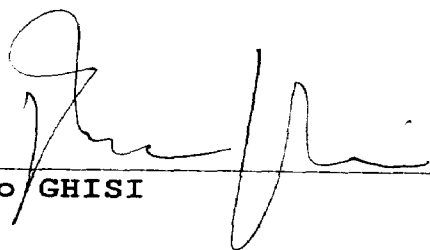
\_\_\_\_\_  
Serguei ULYANOV

  
\_\_\_\_\_  
Gianguido RIZZOTTO

\_\_\_\_\_  
Ichiro KURAWAKI

\_\_\_\_\_  
Serguei PANFILOV

October 22, 2001  
Date

  
\_\_\_\_\_  
**Fabio GHISI**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Paolo AMATO**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Massimo PORTO**

Date

Fabio GHISI

14-17-07  
Date

  
Paolo AMATO

16-11-2001  
Date

  
Massimo PORTO