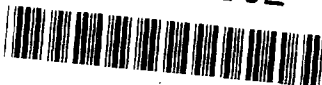


08-14-2002



102189906

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

1. Names of conveying parties:

- 1) MARCO FERRARI
- 2) MASSIMILIANO SITI
- 3) STEFANO VALLE
- 4) FABIO OSNATO
- 5) FABIO SCALISE
- 6)

8/12/02

Additional names of conveying parties attached? ☐ Yes ☒ No

2. Name and address of receiving party:

Name: STMICROELECTRONICS S.R.L.

Internal Address: _____

Street Address: VIA C. OLIVETTI, 2

Postal Code & City: 20041 AGRATE BRIANZA

Country ITALY

Additional names & addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Dates:

- | | |
|------------------------|------------------------|
| 1) <u>JULY 3, 2002</u> | 4) <u>JULY 3, 2002</u> |
| 2) <u>JULY 3, 2002</u> | 5) <u>JULY 3, 2002</u> |
| 3) <u>JULY 3, 2002</u> | 6) _____ |

4. Application number(s) or registration number(s):

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

A. Patent Application No(s).
10/143,531

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: BRIAN L. JOHNSON

Street Address: 701 Fifth Avenue, Suite 6300

City: Seattle State: WA ZIP: 98104-7092

00000177 10143531

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

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.

BRIAN L. JOHNSON

Name of Person Signing

Brian L. Johnson

Signature

8/6/02

Date

Total number of pages including cover sheet, attachments, and document: 5

DO NOT USE THIS SPACE

ASSIGNMENT

WHEREAS, we, Marco Ferrari, Massimiliano Siti, Stefano Valle, Fabio Osnato, and Fabio Scalise (hereinafter referred to as ASSIGNORS), having mailing addresses of Via Gerolamo Tiraboschi, 6, I-20135, Milano, ITALY; Via Morandi, 11/C, I-20099, S. Donato Milanese, ITALY; Via Bergamo, 13, I-20052, Monza, ITALY; Via Romagna, 46, I-20133, Milano, ITALY; and Via Fracchia, 4, I-20125, Milano, ITALY, respectively, are the joint inventors of an invention entitled "PRUNABLE S-RANDOM BLOCK INTERLEAVER METHOD AND CORRESPONDING INTERLEAVER," as described and claimed in the specification for which an application for United States letters patent was filed on May 9, 2002 and assigned Application No. 10/143,531, which claims priority to European Patent Application No. 01111406.3, filed May 10, 2001.

WHEREAS, STMicroelectronics S.r.l., (hereinafter referred to as ASSIGNEE), a corporation of Italy, having a place of business at Via C. Olivetti, 2, 20041, Agrate Brianza, ITALY, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United

States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

July 3, 2002

Date

Marco Ferrari

Marco Ferrari

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness _____

Date: _____

July 3, 2002

Date

Massimiliano Siti

Massimiliano Siti

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

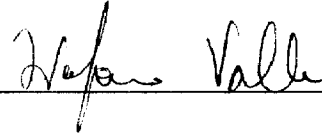
Witness _____

Date: _____

July 3, 2002

Date

Stefano Valle



I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness _____

Date: _____

July 3, 2002

Date

Fabio Osnato



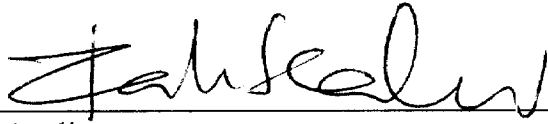
I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness _____

Date: _____

July 3, 2002

Date



Fabio Scalise

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness _____

Date: _____

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(BLJ:ml) 851763.425