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03-14-2003

U.S. DEPARTMENT OF COMMERCE



HEET

Patent and Trademark Office
Docket No. 509982004800

102390826

J1036 U.S. PTO
10/375708
02/26/03

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

1. Name of conveying party(ies):
Joerg BISCHOFF, Karl HEHL, Xinhui NIU, and Wen JIN

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

Name: Timbre Technologies, Inc.
Street Address: 2953 Bunker Lane, Suite 301
City: Santa Clara, State: California ZIP: 95054

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: February 19, 2003

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: February 19, 2003

A. Patent Application No.(s) **10375708**

B. Patent No.(s)

Additional numbers attached? Yes No

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

Peter J. Yim
Morrison & Foerster LLP
425 Market Street
San Francisco, California 94105-2482

6. Total number of applications and patents involved: One

7. Total fee (37 C.F.R. § 3.41): \$40.00

A Fee Transmittal w/duplicate copy for fee processing is attached

- Enclosed
- Authorized to be charged to deposit account, referencing Attorney Docket 509982004800

8. Deposit account number: **03-1952**

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

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.

Name: Peter J. Yim
Registration No: 44,417

Peter J. Yim
Signature

2/26/03
Date

Total number of pages comprising cover sheet, attachments and document: 4

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03/13/2003 TBIAZ1 00000000 10375708

01 FC:8021 40.00 CH

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

sf-1453268

PATENT
REEL: 013833 FRAME: 0147

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by Joerg BISCHOFF, Karl HEHL, Xinhui NIU, and Wen JIN (hereinafter referred to as the assignors), residing at Schillerstrasse 19, D-98693 Ilmenau, Germany, Riccarda-Huch Weg 12, D-07740 Jena, Germany, 493 W. Portola Ave., Los Altos, California 94022, and 718 Old San Francisco Rd. #254, Sunnyvale, California 94086, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in APPROXIMATING EIGENSOLUTIONS FOR USE IN DETERMINING THE PROFILE OF A STRUCTURE FORMED ON A SEMICONDUCTOR WAFER, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

WHEREAS, TIMBRE TECHNOLOGIES, INC., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 2953 Bunker Lane, Suite 301, Santa Clara, California 95054 (hereinafter referred to as the assignee TIMBRE TECHNOLOGIES, INC.) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee TIMBRE TECHNOLOGIES, INC., its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee TIMBRE TECHNOLOGIES, INC., for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee TIMBRE TECHNOLOGIES, INC. its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee TIMBRE TECHNOLOGIES, INC., its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee TIMBRE TECHNOLOGIES, INC., its successors, legal representatives and assigns, but at the cost and expense of said assignee TIMBRE TECHNOLOGIES, INC., its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee TIMBRE TECHNOLOGIES, INC. as the assignee TIMBRE TECHNOLOGIES, INC. of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee TIMBRE TECHNOLOGIES, INC., its successors, legal representatives and assigns.

2/19/2003
Date

Joerg Bischoff
Joerg BISCHOFF

Date
2/19/2003
Date

Karl Hehl
Karl HEHL
Xinhui NIU
Xinhui NIU

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JOINT**

THIS ASSIGNMENT, by Joerg BISCHOFF, Karl HEHL, Xinhui NIU, and Wen JIN (hereinafter referred to as the assignors), residing at Schillerstrasse 19, D-98693 Ilmenau, Germany, Rippweg-Haus Weg 12, D-07744 Jena, Germany, 420 W. Potosi Ave., Los Altos, California 94023, and 718 Old San Francisco Rd. #254, Sunnyvale, California 94086, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in APPROXIMATING EIGENSOLUTIONS FOR USE IN DETERMINING THE PROFILE OF A STRUCTURE FORMED ON A SEMICONDUCTOR WAFER, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

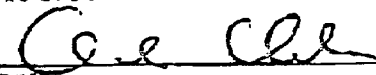
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_____	_____
Date	Joerg BISCHOFF
<u>26 19, 2003</u>	
Date	Karl HEHL
_____	_____
Date	Xinhui NIU

2/19/2003

Date

Wen Jin

Wen JIN

COPY

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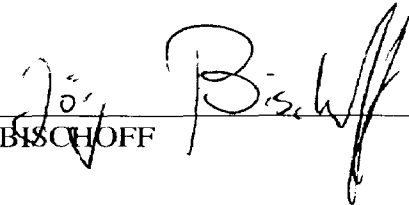
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2/19/2003
Date


Joerg BISCHOFF

Date

Karl HEHL

2/19/2003
Date


Xinhui NIU

COPY

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Date Joerg BISCHOFF

26 19, 2003

Date Karl HEHL

Date Xinhui NIU

2/19/2003

Date

Wen Jin

Wen JIN

COPY

Attorney Docket No.: 509982004800