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|--|--|---|
| 1. Name of conveying party(ies): Keith H. Bierman (04/14/2003), David R. Emberson (04/11/2003), and Liang T. Chen (04/11/2003) Additional name(s) of conveying party(ies) | | |
| Keith H. Bierman (04/11/2003), David R. Emberson (04/11/2003), and Liang T. Chen (04/11/2003). | | |
| Emberson (04/11/2003), and Liang T. Chen (04/11/2003). Additional name(s) of conveying party(les) | | |
| Additional name(s) of conveying party(les) Yes X No 3. Nature of Conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: in parentheses after inventor name 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A Patent Application No.(s): 10/417,765 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jonathan P. Osha OSHA & MAY LL.P. Internal Address: Atty. Dkt.: 03226/304001; P8837 Street Address: 12.21 McKinney St., Suite 2800 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 of Person Signing Name of Person Signing Total number of signature Signature Total number of signature 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 of Person Signing Interest Address: Label Address: Street Address: 2ip: Authorized to be charged to deposit account) Authorized to be charged to credit card (Form 2038 anchosed) Reposit account number: (Attach duplicate copy of this page if paying by deposit account) Name of Person Signing Signature Date Postal Authorized as Express Mail, Airbill No. Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 4. Dept Total number of pages including cover sheet, attachments, and documents: 1. Dept Total number of pages including cover sheet, attachments, and documents: 1. Dept Total number of pages including cover sheet, attachments, and documents: 1. Dept Total number of pages including cover sheet, attachments, and page attachments of the US Patent and Trademark Office, P.O. Box 1450, P.O. Box 1450, P.O. Box 1450, P.O. Box 1450, P.O. B | Emberson (04/11/2003), and Liang T. Chen | |
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| Security Agreement | | |
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| State: California Zip: 95054 Additional name(s) & address(es) attached: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): Additional numbers attached? | x Assignment Merger | |
| Additional name(s) & address(es) attached: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): 10/417,765 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jonathan P. Osha OSHA & MAY L.L.P. Internal Address: Atty. Dkt.: 03226/304001; P8837 Street Address: 1221 McKinney St., Suite 2800 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 rue copy of the original document. Additional number of applications and patents involved: 1. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account X Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account) BO 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 rue copy of the original document. Authorized to be charged to count number: (Attach duplicate copy of this page if paying by deposit account) Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a rue copy of the original document. Authorized to be charged to count number: (Attach duplicate copy of this page if paying by deposit account) Signature Total number of pages including cover sheet, attachments, and documents: 4 100000081 10 17765 | Security Agreement Change of Name | City: Santa Clara |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): 10/417,765 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jonathan P. Osha OSHA & MAY L.L.P. Internal Address: Atty. Dkt.: 03226/304001; P8837 Street Address: 1221 McKinney St., Suite 2800 City: State: Zip: Houston TX 77010 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 fue copy of the original document. City: Authorized to be charged to credit card (Form 2038 enclosed) 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 fue copy of the original document. City: Authorized to be charged to Date 10 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 fue copy of the original document. City: Authorized to be charged to Correct and any attached copy is a fue copy of the original document. City: Authorized to be charged to Correct and any attached copy is a fue copy of the original document. City: Authorized to be charged to Correct and any attached copy is a fue copy of the original document. City: Authorized to be charged to Correct and any attached copy is a fue copy of the original document. Authorized to be charged to Correct and any attached copy is a fue copy of the original document. City: Authorized to be charged to Correct and any attached copy is a fue copy of the original document. City: Authorized to be charged to Correct and any attached copy is a fue copy of the original document. City: Authorized to be charged to Correct and Authorized to Correct and Authorized to Correct and Authorized to Correct a | Other | |
| If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): 10/417,765 Additional numbers attached? Yes x No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jonathan P. Osha OSHA & MAY L.L.P. Internal Address: Atty. Dkt.: 03226/304001; P8837 Street Address: 1221 McKinney St., Suite 2800 City: State: Zip: Houston TX 77010 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 frue copy of the original document. 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 frue copy of the original document. Name of Person signing Signature Date Total number of pages including cover sheet, attachments, and documents: 4. December 1. Decem | Execution Date: in parentheses after inventor name | |
| A. Patent Application No.(s): 10/417,765 Additional numbers attached? Yes x No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jonathan P. Osha OSHA & MAY L.L.P. Internal Address: Atty. Dkt.: 03226/304001; P8837 Street Address: 1221 McKinney St., Suite 2800 City: State: Zip: Authorized to be charged to deposit account (Form 2038 enclosed) 8. Deposit account number: City: State: Zip: (Attach duplicate copy of this page if paying by deposit account) 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 of Person Signing Signature Total number of pages including cover sheet, attachments, and documents: 4 1 | 4. Application number(s) or patent number(s): | |
| 6. Total number of applications and patents involved: Name: Jonathan P. Osha OSHA & MAY L.L.P. Internal Address: Atty. Dkt.: 03226/304001; P8837 Street Address: 1221 McKinney St., Suite 2800 City: Houston State: Zip: Houston TX 77010 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 of Person Bigning Signature Total number of applications and patents involved: 1 Authorized to be charged to deposit account [Knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Name of Person Bigning Signature Date Total number of pages including cover sheet, attachments, and documents: 1 I hereby certify that the Applications and patents involved: 1 Authorized to be charged to deposit account [Knowledge] Authorized to be charged to credit card [Knowledge] (Form 2038 enclosed) 8. Deposit account number: Authorized to be charged to deposit account [Knowledge] B. Deposit account number: Authorized to be charged to deposit account [Knowledge] B. Deposit account number: Authorized to be charged to deposit account [Knowledge] B. Deposit account number: Authorized to be charged to credit card [Knowledge] B. Deposit account number: Authorized to be charged to credit card [Knowledge] B. Deposit account number: Authorized to be charged to deposit account [Knowledge] B. Deposit account number: Authorized to be charged to deposit account [Knowledge] B. Deposit account number: Authorized to be charged to deposit account [Knowledge] B. Deposit account number: Authorized to be charged to deposit account [Knowledge] B. Deposit account number: Authorized to be charged to deposit account [Knowledge] B. Deposit account number: Authorized to be charged to deposit account [Knowledge] Authorized to be charged to deposit account [Knowledge] Authorized to be charged to deposit | A. Patent Application No.(s): | |
| City: State: Zip: TX 77010 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. 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. To tal number of pages including cover sheet, attachments, and documents: I hereby certify that | Additional numbers attack | hed? Yes x No |
| OSHA & MAY L.L.P. Internal Address: Atty. Dkt.: 03226/304001; P8837 Street Address: 1221 McKinney St., Suite 2800 City: State: Zip: (Attach duplicate copy of this page if paying by deposit account) 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 of Person Signing Signature Total number of pages including cover sheet, attachments, and documents: I hereby certify that the Original dence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. in an envelope addressed to: MS Assignment Recordation Services. Director of the US Patent and Trademark Office, P.O. Box 1450, | | |
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| Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 4 00000081 10 17/65 I hereby certify that the Mar Pondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, | To the best of my knowledge and belief, the foregoing in | formation is true and correct and any attached copy |
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| OMB No. 0651-0027 (exp.5/31/2002) POB/REV03 | | NLY | Patent and Trademark Office |
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| To the Director of the United | Olaros i aterit anu Trauemark Unici | e. riease record the attached | original documents or copy thereof. |
| 1. Name of conveying party(ies) Keith H. BIERMAN David R. EMBERSON Liang T. CHEN | : | Name and address of Name: Sun Microsyste Internal Address: | |
| Additional names(s) of conveying part | y(ies) 🔲 Yes 🛛 No | | |
| 3. Nature of conveyance: | | | |
| Assignment ■ | ☐ Merger | Street Address: 4150 | Network Circle |
| ☐ Security Agreement | ☐ Change of Name | | |
| Other | | City: Santa Clara | State: <u>CA</u> ZIP: <u>95054</u> |
| Execution Date: 04/13/03; 04/1 | 1/03; 04/11/03 | Additional name(s) & addre | ss(es) attached? 🔲 Yes 🔀 No |
| Application number(s) or pate If this document is being filed A. Patent Application No.(s) | ent numbers(s): together with a new application, | the execution date of the a | application is: |
| 10/417,765 04/17/2003 | Additional numbers attact | hed? ☐ Yes ⊠ No | · |
| 5. Name and address of party to concerning document should | · · · · · · · · · · · · · · · · · · · | 6. Total number of application | ations and patents involved: |
| Name: Jonathan P. Osha, Re Internal Address: OSHA & M | | credited or debited | |
| Street Address: 1221 McKing | ney, Suite 2800 | 8. Deposit account number | |
| City: Houston | State: TX ZIP: 77010 | (Attach duplicate copy of this | s page if paying by deposit account) |
| of the original document. ১৯৯৭ মান ০২ মান | and belief, the foregoing informa | ation is true and correct and | d any attached copy is a true copy May 24, 2004 |
| Name of Person Sign Total n | ing number of pages including cover she | Signature eet, attachments, and docume | ent: Date |

Attorney Docket No.: 03226.304001; P8837

Assignment - Worldwide

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

SUN MICROSYSTEMS, INC.

having the following address:

4150 Network Circle Santa Clara, California 95054

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

METHOD AND APPARATUS FOR ACCELERATED POST-SILICON TESTING AND RANDOM NUMBER GENERATION

for which the undersigned has/have executed an application for patent in the United States of America on this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- 1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- 2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- 3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

ROSENTHAL & OSHA L.L.P.

PATENT REEL: 016340 FRAME: 0405

Attorney Docket No.: 03226.304001; P8837

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of ROSENTHAL & OSHA L.L.P. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

| 4/14/03 | Signature: A D |
|-------------------|--|
| Date | Print or Type Name: Keith H. Bierman |
| 4/11/2003 | Signature: Favil R. Smleroon |
| Date | Print or Type Name: David R. Emberson |
| 4/11/2003 Date | Signature: Print or Type Name: Liang T. Chen |
| Date | Signature: Print or Type Name: |
| Date | Signature: Print or Type Name: |

When this Assignment is <u>not</u> filed concurrently with the patent application, the following identifying information may be added <u>after</u> execution:

U.S. Application Serial No.:

RECORDED: 03/07/2005

10/417,765

Filing Date:

April 17, 2003

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