

RECORDATION FORM COVER SHEET - PATENTS ONLY

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

2. Name of Conveying Party(ies) and Execution Date(s) of Document(s) Check here if additional name(s) attached
Names: Don E. Ross, Xiaogang Du, Wu-Tung Cheng and Joseph C. Rayhawk
Execution Date: May 14, 2004

3. Name and address of receiving party Check here if additional name(s) & address(es) are attached
Name Mentor Graphics Corporation
Address 8005 SW Boeckman Road
City Wilsonville State/Country Oregon Zip 97070

4. Nature of Conveyance
 Assignment Merger Security Agreement Name Change Other:

5. Total number of applications and patents involved: 4

6. Charge Fee (37 C.F.R. § 3.41) of \$160.00 to our Deposit Account No. 02-4550

7. Check here if any deficiency/overpayment is authorized to be charged to deposit account 02-4550

8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent.

- A. This document is being filed with a new application. Execution date is: _____
- B. Patent Application Nos.: U.S. Provisional Patent Application No. 60/447,583;
U.S. Provisional Patent Application No. 60/512,278;
PCT Patent Application No. PCT/US04/04231; and
U.S. Patent Application No. 10/779,205.

Check here if additional numbers are attached

9. Correspondent's name, address, and telephone number

Patrick M. Bible
Klarquist Sparkman, LLP
One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204-2988
Telephone: 503-226-7391
Facsimile: 503-228-9446

10. Please return the attached postcard to confirm that these items have been received.

11. 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.*

Patrick M. Bible
Name of Person Signing


Signature

6/1/04
Date

CH \$160.00 024550 60447583

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Docketing

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A S S I G N M E N T

WHEREAS, we, Don E. Ross, of 15851 S. Country Air Court, Oregon City, Oregon 97045, a citizen of the U.S.A., Xiaogang Du, of 29850 SW Ashland Drive, #26, Wilsonville, Oregon 97070, a citizen of China, Wu-Tung Cheng, of 19030 SW 35th Place, Lake Oswego, Oregon 97034, a citizen of the U.S.A., and Joseph C. Rayhawk, of 15248 NW Germantown Road, Portland, Oregon 97231, a citizen of the U.S.A., have invented a certain invention for which the following patent applications have been filed: (1) U.S. Provisional Patent Application No. 60/447,583, filed on February 13, 2003, and entitled "Memory Scanbist;" (2) U.S. Provisional Patent Application No. 60/512,278, filed on October 17, 2003, and entitled "Memory BIST Using Exercising System Paths;" (3) PCT Application No. PCT/US04/04231 filed on February 13, 2004, and entitled "Testing Embedded Memories In An Integrated Circuit;" and (4) U.S. Application No. 10/779,205 filed on February 13, 2004, entitled "Testing Embedded Memories In An Integrated Circuit;" all of which applications are collectively referred to as "the patent applications."

WHEREAS, Mentor Graphics Corporation, a corporation organized under the laws of the State of Oregon, having a place of business at 8005 SW Boeckman Road, Wilsonville, Oregon 97070, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Don E. Ross, Xiaogang Du, Wu-Tung Cheng, and Joseph C. Rayhawk, hereby sell, assign and transfer to Mentor Graphics Corporation, the full and exclusive right, title and interest in and to said invention, the patent applications and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Mentor Graphics Corporation, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Mentor Graphics Corporation, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Mentor Graphics Corporation, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any

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further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

Don E. Ross

Don E. Ross

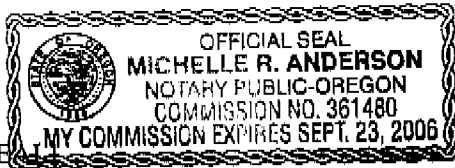
At Wilsonville Oregon
(City and State)

on this 14 day of May, 2004.

STATE OF OREGON)

COUNTY OF Clackamas) ss.

This 14th day of May, 2004, before me personally came the above-named Don E. Ross, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Michelle R. Anderson

Notary Public For

My commission expires: 9/23/2006

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At Wilsonville, Oregon
(City and State)
on this 14th day of May, 2004.

Xiaogang Du
Xiaogang Du

STATE OF OREGON)
COUNTY OF Clackamas) ss.

This 14th day of May, 2004, before me personally came the above-named Xiaogang Du, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Michelle R. Anderson
Notary Public For
My commission expires: 9/23/2006

At Wilsonville, Oregon
(City and State)
on this 14th day of May, 2004.

Wu-Tung Cheng
Wu-Tung Cheng

STATE OF OREGON)
COUNTY OF Clackamas) ss.

This 14th day of May, 2004, before me personally came the above-named Wu-Tung Cheng, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Michelle R. Anderson
Notary Public For
My commission expires: 9/23/2006

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Joseph C. Rayhawk
Joseph C. Rayhawk

At WILSONVILLE, OR
(City and State)
on this 14 day of MAY, 2004.

STATE OF OREGON)
COUNTY OF Clackamas) ss.

This 14th day of MAY, 2004, before me personally came the above-named Joseph C. Rayhawk, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



[SEAL]

Michelle R. Anderson
Notary Public For
My commission expires: 9/23/2006