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1. Total number of pages including cover sheet, attachments and document: 4

2. Name of Conveying Party(ies) and Execution Date(s) of Document(s) ☐ Check here if additional name(s) attachedNames: Thomas Hans Rinderknecht and Wu-Tung Cheng
Execution Date: October 6, 2004

3. Name and address of receiving party

☐ Check here if additional name(s) & address(es) are attachedName 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: 1

6. Total Fee Enclosed (37 C.F.R. § 3.41): \$40.00

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: October 6, 2004B. ☐ Patent Application No.(s) or Patent No.(s):☐ Check here if additional numbers are attached

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

Patrick M. Bible
Klarquist Sparkman, LLP
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Facsimile: 503-228-944610. ☒ 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

October 7, 2004

Date

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A S S I G N M E N T

WHEREAS, we, Thomas Hans Rinderknecht, of Tualatin, County of Washington, State of Oregon, and Wu-Tung Cheng, of Lake Oswego, County of Multnomah, State of Oregon, have invented a certain invention, entitled USING CONSTRAINED SCAN CELLS TO TEST INTEGRATED CIRCUITS, for which we are making application for Letters Patent of the United States, said application having been executed by us on the 6th day of October, 2004; and

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, OR 97070, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Thomas Hans Rinderknecht and Wu-Tung Cheng, hereby sell, assign and transfer to Mentor Graphics Corporation, the full and exclusive right, title and interest in and to said invention, patent application 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

-- Page 1 of 3 --

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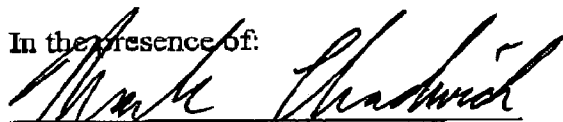
covenant that we have full right so to do, and agree that we will communicate to Mentor Graphics Corporation, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, 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 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 3350m Wilsonville, OR this 6th day of October, 2004.


Thomas Hans Rinderknecht

In the presence of:



Witnessed by

Mark Chadwick
Name (print)

10/6/04
Date

-- Page 2 of 3 --

PMB:far 10/04/04 1011-67062-01 311470

Executed at Wilsonville, Oregon, this 6th day of October, 2004.

Wu-Tung Cheng
Wu-Tung Cheng

In the presence of:

Mark Chadwick
Witnessed by

Mark Chadwick
Name (print)

10/6/04
Date

-- Page 3 of 3 --

RECORDED: 10/07/2004

PATENT
REEL: 015883 FRAME: 0658