

REC 03-17-2005

MP 3-11-05

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MAR 11 2005

Patent & Trademark Office

To the Director of the U.S. Patents and Trademark Office, or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):  
 1)- Joseph Andrew LeBritton  
 2)- John G. Ferguson  
 Execution Date(s) 03/10/05 and 03/03/05  
 Additional name of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
 Name: Mentor Graphics Corporation  
 Internal Address: \_\_\_\_\_  
 Street Address: 8005 SW Boeckman Drive  
 City: Wilsonville  
 State: Oregon  
 Country: U.S. Zip: 97070-7777  
 Additional Name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

4. Application number(s) or patent number(s):  This document is being filed together with a new application.  
 A. Patent Application No.(s)  
 10/970,727  
 B. Patent No.(s)  
 \_\_\_\_\_  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning this document should be mailed:  
 Name: William F. Rauchholz  
 Internal Address: Banner & Witcoff, Ltd.  
 Street Address: 1001 G Street, N.W.  
 City: Washington  
 State: D.C. Zip: 20001  
 Phone Number: 202-824-3000  
 Fax Number: 202-824-3001  
 Email Address: wrauchholz@bannerwitcoff.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

8. Payment Information  
 a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date \_\_\_\_\_  
 b. Deposit Account Number 19-0733  
 Authorized User Name \_\_\_\_\_

9. Signature: William F. Rauchholz March 11, 2005  
 Signature Date  
 William F. Rauchholz, Reg. No. 34,701  
 Total number of pages including cover sheet, attachments, and documents 5  
 Name of Person Signing

03/15/2005 BY TIME 00000195 190733 10970727

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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 016361 FRAME: 0389

ASSIGNMENT

WHEREAS, We,

Joseph Andrew LeBritton of 212 Stonegate Lane, Dripping Springs, Texas  
78620; and

John G. Ferguson of 21760 SW 106<sup>th</sup> Avenue, Tualatin, Oregon 97062,  
are inventors of and have invented a certain invention, entitled:

"IN-LINE XOR CHECKING OF MASTER CELLS DURING INTEGRATED  
CIRCUIT DESIGN RULE CHECKING,"

an application for a United States patent for said invention having been:

filed herewith; or

filed on October 22, 2004 and given U.S. Patent Application No. 10/970,727;

and

WHEREAS, Mentor Graphics Corporation (Employer), a corporation organized  
under the laws of Oregon, having a place of business at 8005 SW Boeckman Drive,  
Wilsonville, Oregon 97070-7777, desires to acquire full and exclusive interest therein;

NOW, THEREFORE, in view of exchanged good and valuable consideration, the  
receipt of which is hereby acknowledged, we (inventors) identified above and signing  
below hereby confirm the sale and assignment to Employer of all rights and title to said  
invention, patent application and derivative patent(s) and like rights throughout the  
world, including all patent priority rights, the right to file and prosecute applications  
under the Paris Convention, 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; and all right and title to all related applications  
thereof including without limitation divisions, continuations, reexaminations, reissues  
and extensions thereof, and the right to receive all letters patent and like rights granted  
thereon, to be held and enjoyed by Employer for its own use and benefit, and for its  
successors and assigns to the full end of the term for which patent may be granted in any  
country, as fully and entirely as the same would have been held by us had this assignment  
and sale not been made, and we covenant that we have full right to execute this  
Assignment and that we have not executed and will not execute any agreement or do

anything in conflict herewith, and we agree that we will communicate to Employer, 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 documents respecting such applications, make all rightful oaths, and do everything possible to aid Employer, its successors and assigns to obtain and enforce proper patent protection for said invention in any country.

We hereby grant Employer and its lawful agent 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 on the date opposite our respective signatures below.

Joseph Andrew LeBritton  
Inventor Name (Printed)      *Joseph A. LeBritton*      3-10-05  
Inventor Signature      Date

John G. Ferguson  
Inventor Name (Printed)      \_\_\_\_\_      \_\_\_\_\_  
Inventor Signature      Date

//

202-824-3765  
Bill Rauchholz  
fm: John Ferguson

PATENT  
003921.00198

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successors and assigns to the full end of the term for which patent may be granted in any  
country, as fully and entirely as the same would have been held by us had this assignment  
and sale not been made, and we covenant that we have full right to execute this  
Assignment and that we have not executed and will not execute any agreement or do

