

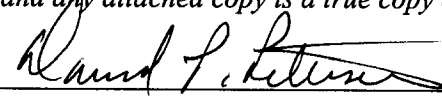


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<b>RECORDATION FORM COVER</b> MAIL STOP ASSIGNMENT RECORDATION SERVICE DIRECTOR OF PATENTS AND TRADEMARKS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450		11-04-2004  102873660	17548 U.S.P.T.O. 10/975717  102604
<b>1. Total number of pages including cover sheet, attachments and document.</b>			
<b>2. Name of Conveying Party(ies) and Execution Date(s) of Document(s)</b> <input type="checkbox"/> Check here if additional name(s) attached Name(s): Hazem Mahmoud Hegazy, Amr M.E. Safwat and Wael Fikry Farouk Fikry Abdalla Execution Date(s): October 11, 2004			
<b>3. Name and address of receiving party</b> <input type="checkbox"/> 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 97070-7777			
<b>4. Nature of Conveyance</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Name Change <input type="checkbox"/> Other:			
<b>5. Total number of applications and patents involved:</b> 1			
<b>6. Total Fee Enclosed (37 C.F.R. § 3.41):</b> \$40.00			
<b>7. <input checked="" type="checkbox"/> Check here if any deficiency/overpayment is authorized to be charged to deposit account 02-4550</b>			
<b>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.</b> A. <input checked="" type="checkbox"/> This document is being filed with a new application. Execution date is: <u>October 11, 2004</u> B. <input type="checkbox"/> Patent Application No.(s) or Patent No.(s): <input type="checkbox"/> Check here if additional numbers are attached			
<b>9. Correspondent's name, address, and telephone number</b> David P. Petersen Klarquist Sparkman, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204-2988 Telephone: 503-595-5300 Facsimile: 503-228-9446			
<b>10. <input checked="" type="checkbox"/> Please return the attached postcard to confirm that these items have been received.</b>			
<b>11. Statement and signature</b> <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">           David P. Petersen            Name of Person Signing         </div> <div style="width: 30%; text-align: center;">             Signature         </div> <div style="width: 30%; text-align: right;">           October 26, 2004            Date         </div> </div>			

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cc: Accounting (only if via fax)  
Docketing

## A S S I G N M E N T

WHEREAS, we, Hazem Mahmoud Hegazy, of Cairo, Country of Egypt, Amr M.E. Safwat, of Elgiza, Country of Egypt, and Wael Fikry Farouk Fikry Abdalla, of Cairo, Country of Egypt, have invented a certain invention, entitled TEST STRUCTURES AND METHOD FOR INTERCONNECT IMPEDANCE PROPERTY EXTRACTION, for which we are making application for Letters Patent of the United States, said application having been executed by us herewith; and

WHEREAS, U.S. Provisional Patent Application Serial No. 60/598,703 was previously filed on August 2, 2004 directed toward this invention;

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 97070-7777, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Hazem Mahmoud Hegazy, Amr M.E. Safwat, and Wael Fikry Farouk Fikry Abdalla, 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, all rights in the Provisional Application and worldwide rights to the invention disclosed therein, and the right to claim the benefit of U.S. Provisional Patent Application No. 60/598,703, 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 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.

Hazem Hegazy Date: 10/11/2004  
-Hazem Mahmoud Hegazy

In the presence of:

Witness (signed): [Signature]  
Print Name: Ahmed Ramadan

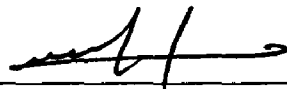
Witness (signed): Mohamed Abdelsattar  
Print Name: Mohamed Abdelsattar Abdelfattah Ismail

A. Safwat Date: 10/11/2004  
Amr M.E. Safwat

In the presence of:

Witness (signed): [Signature]  
Print Name: Ahmed Ramadan

Witness (signed): Mohamed Abdelsattar  
Print Name: Mohamed Abdelsattar Abdelfattah Ismail

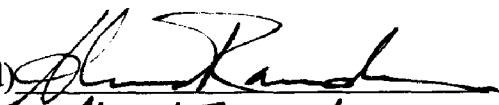


Date: 10/11 / 200

Wael Fikry Farouk Fikry Abdalla

In the presence of:

Witness (signed)



Print Name:

Ahmed Ramada

Witness (signed)

Mohamed Abdelsattar

Print Name:

Mohamed Abdelsattar Abdelfattah Ismail