

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT7461241

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YU HUANG	08/29/2006
WU-TUNG CHENG	08/25/2006
NAGESH TAMARAPALLI	08/25/2006
JANUSZ RAJSKI	08/24/2006
RANDY KLINGENBERG	08/25/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MENTOR GRAPHICS CORPORATION
<b>Street Address:</b>	8005 SW BOECKMAN DRIVE
<b>City:</b>	WILSONVILLE
<b>State/Country:</b>	OREGON
<b>Postal Code:</b>	97070
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13888227
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(407)487-5035
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	609-216-9347
<b>Email:</b>	ipdadmin.us@siemens.com
<b>Correspondent Name:</b>	SIEMENS CORPORATION IP DEPT - MAIL CODE INT-244
<b>Address Line 1:</b>	3850 QUADRANGLE BOULEVARD
<b>Address Line 2:</b>	STE 230
<b>Address Line 4:</b>	ORLANDO, FLORIDA 32817
<b>ATTORNEY DOCKET NUMBER:</b>	2006P98233US003
<b>NAME OF SUBMITTER:</b>	LAURIE BEUMER
<b>SIGNATURE:</b>	/Laurie Beumer/
<b>DATE SIGNED:</b>	08/01/2022
<b>Total Attachments: 20</b>	

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## ASSIGNMENT

WHEREAS, we, Yu Huang, of 89 Ewald Avenue, Marlborough, MA 01752; Wu-Tung Cheng, of 19030 SW 35th Place, Lake Oswego, OR 97034; Nagesh Tamarapalli, of 29290 SW Parkway Court, Apt. 93, Wilsonville, OR 97070; Janusz Rajski, of 6502 Horton Rd., West Linn, OR 97068; and Randy Klingenberg, of 8005 SW Boeckman Rd., Wilsonville, OR 97070-7777, have invented certain inventions for which the following applications have been filed:

- (1) U.S. Provisional Patent Application No. 60/774,408, entitled "ENHANCED DIAGNOSIS WITH LIMITED FAILURE CYCLES," filed February 17, 2006, and assigned attorney docket number 1011-73359-01; and
- (2) U.S. Patent Application No. 11/510,079, entitled "ENHANCED DIAGNOSIS WITH LIMITED FAILURE CYCLES," filed August 25, 2006, and assigned attorney docket number 1011-73359-02;

both of which applications are collectively referred to as "the patent applications."

WHEREAS, Mentor Graphics Coporation, a corporation organized under the laws of the State of Oregon, having a place of business at 8005 SW Boeckman Road, Wilsonville, Oregon 97070-7777, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Yu Huang, Wu-Tung Cheng, Nagesh Tamarapalli, Janusz Rajski, and Randy Klingenberg hereby sell, assign and transfer to Mentor Graphics Coporation, the full and exclusive right, title and interest in and to said inventions, 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 inventions, applications 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 Coporation, 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,

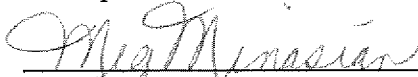
and agree that we will communicate to Mentor Graphics Coporation, or its successors and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Mentor Graphics Coporation, 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 Marlborough, MA, this 29<sup>th</sup> day of August, 2006.

  
Yu Huang

In the presence of:



Witnessed by

Meg Minasian

Name (print)

August 29, 2006

Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Wu-Tung Cheng

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Nagesh Tamarapalli

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Janusz Rajski

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Randy Klingenberg

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

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and agree that we will communicate to Mentor Graphics Coporation, or its successors and assigns, any facts known to us respecting said inventions, 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 Coporation, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

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Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Yu Huang

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date



Executed at Wilsonville, this 25 day of August, 2006.

Wu-Tung Cheng  
Wu-Tung Cheng

In the presence of:

T. Kobayashi  
Witnessed by

Takeo Kobayashi  
Name (print)

8/25/2006  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Nagesh Tamarapalli

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Janusz Rajski

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Randy Klingenberg

In the presence of:

\_\_\_\_\_  
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\_\_\_\_\_  
Yu Huang

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Wu-Tung Cheng

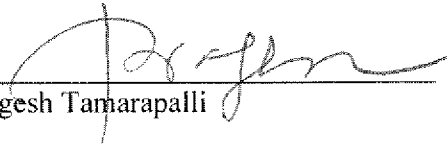
In the presence of:

\_\_\_\_\_  
Witnessed by


\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at WILSONVILLE, this 25<sup>th</sup> day of AUGUST, 2006.

  
\_\_\_\_\_  
Nagesh Tamarapalli

In the presence of:

  
\_\_\_\_\_  
Witnessed by

GREGORY J. ALDRICH  
\_\_\_\_\_  
Name (print)

8/25/06  
\_\_\_\_\_  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Janusz Rajski

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

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\_\_\_\_\_  
Randy Klingenberg

In the presence of:

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\_\_\_\_\_  
Yu Huang

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date



Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Wu-Tung Cheng

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Nagesh Tamarapalli

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at Wilsonville, this 24 day of August, 2006.

Janusz Rajski  
Janusz Rajski

In the presence of:

Janice Lawson Richards  
Witnessed by

JANICE LAWSON RICHARDS  
Name (print)

8/24/06  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Randy Klingenberg

In the presence of:

\_\_\_\_\_  
Witnessed by

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\_\_\_\_\_  
Yu Huang

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Wu-Tung Cheng

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

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\_\_\_\_\_  
Nagesh Tamarapalli

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

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\_\_\_\_\_  
Janusz Rajski

In the presence of:

\_\_\_\_\_  
Witnessed by

\_\_\_\_\_  
Name (print)

\_\_\_\_\_  
Date

Executed at Mentor Graphics Corp., this 25 day of August, 2006.

Randy Klingenberg  
Randy Klingenberg

In the presence of:

Geir Eide  
Witnessed by

GEIR EIDE  
Name (print)

8/25/06  
Date