

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yu Huang</td> <td>01/17/2006</td> </tr> <tr> <td>Wu-Tung Cheng</td> <td>01/19/2006</td> </tr> <tr> <td>Janusz Rajski</td> <td>01/23/2006</td> </tr> </tbody> </table>		Name	Execution Date	Yu Huang	01/17/2006	Wu-Tung Cheng	01/19/2006	Janusz Rajski	01/23/2006
Name	Execution Date								
Yu Huang	01/17/2006								
Wu-Tung Cheng	01/19/2006								
Janusz Rajski	01/23/2006								
RECEIVING PARTY DATA									
Name:	Mentor Graphics Corporation								
Street Address:	8005 SW Boeckman Road								
City:	Wilsonville								
State/Country:	OREGON								
Postal Code:	97070-7777								
PROPERTY NUMBERS Total: 3									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>60638801</td> </tr> <tr> <td>Application Number:</td> <td>60655800</td> </tr> <tr> <td>Application Number:</td> <td>11267221</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	60638801	Application Number:	60655800	Application Number:	11267221
Property Type	Number								
Application Number:	60638801								
Application Number:	60655800								
Application Number:	11267221								
CORRESPONDENCE DATA									
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(503) 595-5300								
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Address Line 4:	Portland, OREGON 97204								
ATTORNEY DOCKET NUMBER:	1011-70151-03								
NAME OF SUBMITTER:	Patrick M. Bible								

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PATENT

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Total Attachments: 3

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ASSIGNMENT

WHEREAS, we, Yu Huang, of Marlborough, County of Middlesex, State of Massachusetts, Wu-Tung Cheng, of Lake Oswego, County of Clackamas, State of Oregon, and Janusz Rajski, of West Linn, County of Clackamas, State of Oregon, have invented certain inventions as described in the following patent applications:

- (1) U.S. Provisional Patent Application No. 60/638,801, filed December 22, 2004, entitled "Compactor Independent Direct Diagnosis of Test Hardware;"
- (2) U.S. Provisional Patent Application No. 60/655,800, filed February 22, 2005, entitled "Compactor Independent Direct Diagnosis of Test Hardware;"
- (3) U.S. Patent Application No. 11/267,221, filed November 4, 2005, entitled "Compactor Independent Direct Diagnosis of Test Hardware,"

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 97070-7777, 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, and Janusz Rajski, hereby sell, assign and transfer to Mentor Graphics Corporation, the full and exclusive right, title and interest in and to said inventions, patent applications and patent rights throughout the world, including foreign and U.S. patent priority rights (including, but not limited to, the right to claim the benefit of U.S. Provisional Patent Application Nos. 60/638,801 and 60/655,800 and the right to claim priority to U.S. Nonprovisional Patent Application No. 10/925,230, which claims the benefit of U.S. Provisional Patent Application No. 60/558,405), 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 Marlboro, MA, this 17 day of January, 2006.

Yu Huang


In the presence of:

Paul J. Reuter

Witnessed by

Paul J. Reuter

Name (print)

1/17/2006

Date

Executed at Wilsonville, this 19 day of January, 2006.

Wu-Tung Cheng
Wu-Tung Cheng

In the presence of:

AS
Witnessed by

MANISH SHARMA
Name (print)

1/19/2006
Date

Executed at Wilsonville, this 23 day of January, 2006.

Janusz Rajski
Janusz Rajski

In the presence of:

JANICE LAWSON RICHARDS
Witnessed by

JANICE LAWSON RICHARDS
Name (print)

1/23/06
Date