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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) attached
Name(s): Ahmed Kamal Abdel-Hamid and Tamer Ali Abdel-Rahi
Execution Date(s): January 2, 2005

3. Name and address of receiving party Check here if additional name(s) & address(es) are attached
Name Mentor Graphics Corporation
Address 8005 SW Boeckman Road
City Wilsonville State/Country Oregon/USA Zip 97070-7777

4. Nature of Conveyance
 Assignment Merger Security Agreement Name Change Other:

5. Total number of applications and patents involved: One (1)

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

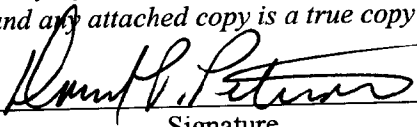
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8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent.
A. This document is being filed with a new application. Execution date is: January 4, 2005
B. Patent Application No.(s) or Patent No.(s):
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9. Correspondent's name, address, and telephone number
David P. Petersen
Klarquist Sparkman, LLP
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Telephone: 503-595-5300
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10. 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.*

David P. Petersen  January 4, 2005
Name of Person Signing Signature Date

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cc: Accounting (only if via fax)
Docketing

DPP:kip 01/02/05 1011 69315-01 Assignment A Rail-to-Rail pad driver with load independent rise and fall times.doc Express Mail Label No. EV 514606045 U:
Attorney Ref. No. 1011-69315-01

A S S I G N M E N T

WHEREAS, we, Ahmed Kamal Abdel-Hamid, of Cairo, Egypt, and Tamer Ali Abdel-Rahim, of Cairo, Egypt, have invented a certain invention, entitled A RAIL-TO-RAIL PAD DRIVER WITH LOAD INDEPENDENT RISE AND FALL TIMES, for which we are making application for Letters Patent of the United States, said application having been filed concurrently herewith on the 4th day of January, 2005; 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 97070-7777, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Ahmed Kamal Abdel-Hamid and Tamer Ali Abdel-Rahim, 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 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

Handwritten text:

DPP:klp 01/02/05 1011-69315-01 Assignment A Rail-to-Rail pad driver with loud independent rise and fall times.doc Express Mail Label No. EV 514606045 U; Attorney Ref. No. 1011-69315-01

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.

Ahmed Kamal Abdel-Hamid

At Mentor Graphics Egypt

on this 2 day of January, 2005

Witness: _____

This ___ day of _____, 2004, before me personally came the above-named Ahmed Kamal Abdel-Hamid, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

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Attorney Ref. No. 1011-69315-01

Tamer Ali
Tamer Ali Abdel-Rahim

At Mentor Graphics Egypt

on this 2 day of January,
2005

Witness: _____

This ____ day of _____, 2004, before me personally came the above-named Tamer Ali Abdel-Rahim, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.