PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3716850

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIVEK BHAT	01/25/2016
RICHARD EDELMAN	01/25/2016

RECEIVING PARTY DATA

Name:	MENTOR GRAPHICS CORPORATION
Street Address:	8005 SW BOECKMAN RD.
City:	WILSONVILLE
State/Country:	OREGON
Postal Code:	97070

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15006289

CORRESPONDENCE DATA

Fax Number:
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.

Email:	libbey_krager@mentor.com
Correspondent Name:	LIBBEY KRAGER
Address Line 1:	8005 SW BOECKMAN RD.
Address Line 4:	WILSONVILLE, OREGON 97070

ATTORNEY DOCKET NUMBER:	11190-REG1/JJR
NAME OF SUBMITTER:	LIBBEY KRAGER
SIGNATURE:	/Libbey Krager/
DATE SIGNED:	01/28/2016

Total Attachments: 2
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ASSIGNMENT AGREEMENT

WHEREAS, we, **Vivek Bhat**, residing at 6088 Crestoak Ct, San Jose, CA 95120, and **Richard Edelman**, residing at 1330 Hanchett Ave. San Jose, CA 95216, are the inventors of certain inventions described in a U.S. patent application identified by Attorney Docket Number 11190-REG1/JJR and having the title

CLASS OBJECT HANDLE TRACKING
and

WHEREAS, Mentor Graphics Corporation, a corporation incorporated in the State of Oregon and having a place of business at 8005 SW Boeckman Drive, Wilsonville, Oregon 97070-7777 (hereafter referred to as ASSIGNEE), is desirous of confirming that it has already been assigned, or, if not already assigned, is desirous of acquiring the entire right, title and interest in and to said worldwide legal and beneficial right, title and interest in and to the aforesaid inventions, and to any Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof that may be granted for said inventions, or as a result thereof in the United States of America (U.S.) and in any and all foreign countries, including the right to claim priority of the respective United States Patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

We hereby confirm that we did (under the law of the jurisdiction(s) where the inventions were conceived, reduced to practice and made, under the Intellectual Property Agreement And Confidentiality Agreement and/or under some other agreement with Mentor Graphics Corporation) sell, assign and transfer to the above named ASSIGNEE, or, to the extent we have not already done so, do sell, assign and transfer unto the above named ASSIGNEE, and its successors, assigns and legal representatives (hereafter referred to as NOMINEES) the entire right, title and interest in and to said inventions, in and to the aforesaid application and in and to any Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world which may be granted for said inventions and in and to any and all divisions, reissues, continuations, extensions and renewals thereof, including the right to claim priority of the respective United States Patent application;
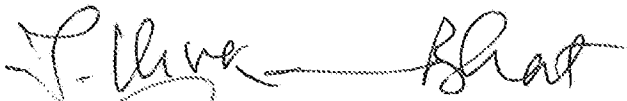
We covenant that we have full right to convey the entire interest herein assigned at the time of the sale, assignment and transfer, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

We further agree to communicate to said ASSIGNEE or its NOMINEES any facts known to us respecting said inventions, to execute all divisional, continuation, renewal, reissue and foreign applications for said inventions, sign all lawful documents and make all rightful oaths and declarations relating to said inventions, sign all lawful documents which the ASSIGNEE or

its NOMINEES shall consider desirable for aiding in securing and maintaining proper protection for said inventions, and to testify in any judicial or administrative proceeding and generally do everything possible to aid said ASSIGNEE or its NOMINEES to obtain and enforce said Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof worldwide, and in and to any and all divisions, reissues, continuations, extensions and renewals thereof, when requested so to do by said ASSIGNEE or its NOMINEES; and

We authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for any Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof in any and all countries of the world, and for any and all divisions, reissues, continuations, extensions and renewals thereof, and we authorize and request the appropriate official of any country, to issue to said ASSIGNEE or its NOMINEES any and all Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof, and any and all divisions, reissues, continuations, extensions and renewals thereof for their sole use, to the full end of the term for which such may be granted;
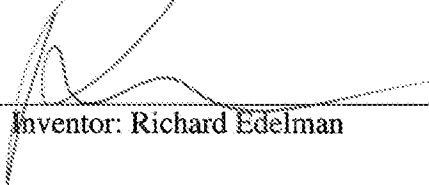
IN WITNESS WHEREOF, I have hereunto set my hand and seal:

_____   _____
Inventor: Vivek Bhat   1/25/2018
                                                                     Date

_____   _____
Inventor: Richard Edelman   1/25/2016
                                                                     Date