## 507428887 08/09/2022 PATENT ASSIGNMENT COVER SHEET

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|   |                             | NEW ASSIGNMENT  |  |
|---|-----------------------------|---|--|
| NATURE OF CONVEYANCE:   |                             | ASSIGNMENT  |  |
| CONVEYING PARTY DA  | ATA                         |   |  |
|   |                             | Name Execution Date   |  |
| PRASANNA SRINIVAS   |                             | 07/24/2015  |  |
| PRASHANT VARSHNEY   | /                           | 07/22/2015  |  |
| RUIMING CHEN  |                             | 07/22/2015  |  |
| AMIT JALOTA   | 08/08/2015                  |   |  |
| KIRK SCHLOTMAN  |                             | 07/22/2015  |  |
| RECEIVING PARTY DA  | ТА                          |   |  |
| Name:   | MENTOR GRAPHICS CORPORATION |   |  |
| Street Address:   | 8005 SW BOECKMAN DRIVE      |   |  |
| City:   | WILSONVILLE                 |   |  |
| State/Country:  | OREGON                      |   |  |
| Postal Code:  | 97070                       |   |  |
|   | 1                           |   |  |
| PROPERTY NUMBERS  | Total: 1                    | 1   |  |
|   |                             | Number  |  |
| Property Type   |                             | Number  |  |
|   |                             | 13950223  |  |
| Application Number:   |                             |   |  |
|   | ΑΤΑ                         |   |  |
| Application Number:<br>CORRESPONDENCE DA<br>Fax Number:<br>Correspondence will be   | e sent to                   | 13950223   (407)487-5035   o the e-mail address first; if that is unsuccessful, it will be sent   |  |
| Application Number:<br>CORRESPONDENCE D<br>Fax Number:<br>Correspondence will be<br>using a fax number, if p  | e sent to                   | 13950223(407)487-5035o the e-mail address first; if that is unsuccessful, it will be sentd; if that is unsuccessful, it will be sent via US Mail.   |  |
| Application Number:<br>CORRESPONDENCE D<br>Fax Number:<br><i>Correspondence will be</i><br><i>using a fax number, if p</i><br>Phone:  | e sent to                   | 13950223(407)487-5035o the e-mail address first; if that is unsuccessful, it will be sentd; if that is unsuccessful, it will be sent via US Mail.609-216-9347   |  |
| Application Number:<br>CORRESPONDENCE D<br>Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Phone:<br>Email:  | e sent to                   | 13950223<br>(407)487-5035<br>o the e-mail address first; if that is unsuccessful, it will be sent<br>d; if that is unsuccessful, it will be sent via US Mail.<br>609-216-9347<br>ipdadmin.us@siemens.com  |  |
| Application Number:<br>CORRESPONDENCE D<br>Fax Number:<br><i>Correspondence will be</i><br><i>using a fax number, if p</i><br>Phone:<br>Email:<br>Correspondent Name:   | e sent to                   | (407)487-5035<br>o the e-mail address first; if that is unsuccessful, it will be sent<br>d; if that is unsuccessful, it will be sent via US Mail.<br>609-216-9347<br>ipdadmin.us@siemens.com<br>SIEMENS CORPORATION IP DEPT - MAIL CODE INT-244   |  |
| Application Number:<br>CORRESPONDENCE D<br>Fax Number:<br><i>Correspondence will be</i><br><i>using a fax number, if p</i><br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:  | e sent to                   | 13950223<br>(407)487-5035<br>o the e-mail address first; if that is unsuccessful, it will be sent<br>d; if that is unsuccessful, it will be sent via US Mail.<br>609-216-9347<br>ipdadmin.us@siemens.com  |  |
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| Application Number:<br>CORRESPONDENCE D<br>Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET NU                                      | e sent to<br>provide        | (407)487-5035<br>o the e-mail address first; if that is unsuccessful, it will be sent<br>d; if that is unsuccessful, it will be sent via US Mail.<br>609-216-9347<br>ipdadmin.us@siemens.com<br>SIEMENS CORPORATION IP DEPT - MAIL CODE INT-244<br>3850 QUADRANGLE BOULEVARD<br>STE 230<br>ORLANDO, FLORIDA 32817                                   |  |
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| Application Number:<br>CORRESPONDENCE D<br>Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET NUMARE OF SUBMITTER: | e sent to<br>provide        | 13950223   (407)487-5035   o the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail.   609-216-9347   ipdadmin.us@siemens.com   SIEMENS CORPORATION IP DEPT - MAIL CODE INT-244   3850 QUADRANGLE BOULEVARD   STE 230   ORLANDO, FLORIDA 32817   : 2013P98793US   LAURIE BEUMER |  |

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## ASSIGNMENT AGREEMENT

WHEREAS, we, <u>Manjit Borah</u>, residing at 1500 Richardson Ave., Los Altos, CA 94024, <u>Ruiming Chen</u>, residing at 41819 Maywood St., Fremont, CA 94538, <u>Prasanna</u> <u>Srinivas</u>, residing at 11675 Walnut Spring Court, Cupertino, CA, 95014, <u>Prashant Varshney</u>, residing at 725 Hopi Drive, Fremont, CA 94539, <u>Amit Jalota</u> residing at 1671 E. Autumn Sage Ave., Fresno, CA 93730, and <u>Kirk Schlotman</u>, residing at 4016 River Branch Trail, Plano, TX 75024, are the inventors of certain inventions described in a U.S. patent application identified by Attorney Docket Number 10786-REG1/TLE and having the title

## CLUSTERING FOR PROCESSING OF CIRCUIT DESIGN DATA

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;

Page 1 of 3

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: Manjit Borah      |  | Date       |
|-----------------------------|--|------------|
| ps cn                       |  | 07/27/2015 |
| Inventor: Ruiming Chen      | and the second | Date       |
|                             |  |            |
| Inventor: Prasanna Srinivas |  | Date       |
| Inventor: Prashant Varshney |  | Date       |
| Inventor: Amit Jalota       |  | Date       |
|                             | Page 2 of 3  |            |

PATENT REEL: 060756 FRAME: 0198

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: Manjit Borah

Inventor: Ruiming Chen

Inventor: Prasanna Srinivas

Inventor: Prashant Varshney

Inventor: Amit Jalota

Date

Date

2015

Date

Date

Page 2 of 3

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: Manjit Borah

Inventor: Ruiming Chen

Inventor: Prasanna Srinivas

Inventor: Prashant Varshney

Inventor: Amit Jalota

Date

Date

Date

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Date

Date

Page 2 of 3

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Page 2 of 3

IN WITNESS WHEREOF, I have hereunto set my hand and seal:

Inventor: Manjit Borah

Inventor: Ruiming Chen

Inventor: Prasanna Srinivas

Inventor: Prashant Varshney

Date

Date

Date

Date

8/08/2015

PATENT REEL: 060756 FRAME: 0201

Inventor: Amit Jalota

Alter >

Inventor: Kirk Schlotman

7/22/2015 Date

Page 2 of 3

RECORDED: 08/09/2022