RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 884.J92US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Nicholas Denler, Iredamola Dammy Olopade, Sunil Gupta, Sulakshana Shyama Nath

Additional name(s) of conveying party(ies) attached?

[ ]Yes [X]No

3. Nature of conveyance:

[X] Assignment   [ ] Merger
[ ] Security Agreement [ ] Change of Name
[ ] Other

Execution Date: December 22, 2011, December 19, 2011, February 20, 2012, January 23, 2012

2. Name and address of receiving party(ies):

Name: Intel Corporation

Street Address: 2200 Mission College Blvd.

City: Santa Clara   State: CA   Zip: 95052
Country: United States of America

Additional name(s) & address(es) attached? [ ]Yes [X]No

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

    A. Patent Application No.(s)

    Serial No. 13/340,455, filed December 29, 2011

    B. Patent No.(s)

Additional numbers attached? [ ]Yes [X]No

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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert E. Mates

Address:
    Schwegman, Lundberg & Woessner, P.A.
    P.O. Box 2938
    Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):$ 40.00

    []Enclosed
    [X]Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743
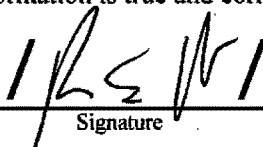
DO NOT USE THIS SPACE

9. 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.

Robert E. Mates/Reg. No. 35,271
Name of Person Signing

Signature

16 March 2012

Date

Total number of pages including cover sheet: 13

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

700482346

PATENT
REEL: 027891 FRAME: 0001

ASSIGNMENT

WHEREAS, We, Nicholas Denler, residing at 935 NW Silverado Dr, Beaverton, OR 97006, and Iredamola Dammy Olopade, residing at 6085 NW Sickle Terrace, Portland, OR 97229, and Sunil Gupta, residing at 2286 NE 14th Place, Hillsboro, OR 97124, and Sulakshana Shyama Nath, residing at 15947 NW Wismer Drive, Portland, OR 97229, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled DESIGN TOOL FOR GLITCH REMOVAL;

WHEREAS, We hereby authorize and request the attorneys, representing Intel Corporation on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 13/340455 ; Filing Date: 12/29/2011) the filing date and application number of said application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Intel Corporation (the "Assignee"), a corporation of the State of Delaware, having a place of business at 2200 Mission College Blvd., Santa Clara, CA 95052, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 45457 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

No Provisional claim for priority is being made at this time.

No U.S. Non-Provisional claim for priority is being made at this time.

Assignment   Docket No: 884.J92US1
Client Ref. No. P41212
Assignors: Nicholas Denler et al.
Title: DESIGN TOOL FOR GLITCH REMOVAL
Page 2 of 3
_____

| *No International or foreign claim for priority is being made at this time.* |

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;
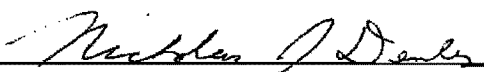
WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: 1:

(Signature): _____

Name: **Nicholas Denler**

Date: ___12 / 22 / 2011_____

Inventor: 2:

(Signature):_____

Name: **Iredamola Dammy Olopade**

Date:_____

Inventor: 3:

(Signature):_____

Name: **Sunil Gupta**

Date:_____

Inventor: 4:

(Signature):_____

Name: **Sulakshana Shyama Nath**

Date:_____

<div align="right">
Attorney Docket No. 884.J92US1
Client Ref. No. P41212
</div>

ASSIGNMENT

WHEREAS, We, Nicholas Denler, residing at 935 NW Silverado Dr, Beaverton, OR 97006, and Iredamola Dammy Olopade, residing at 6085 NW Sickle Terrace, Portland, OR 97229, and Sunil Gupta, residing at 2286 NE 14th Place, Hillsboro, OR 97124, and Sulakshana Shyama Nath, residing at 15947 NW Wismer Drive, Portland, OR 97229, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled DESIGN TOOL FOR GLITCH REMOVAL:

WHEREAS, We hereby authorize and request the attorneys, representing Intel Corporation on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 13/340,455; Filing Date: 12/29/2011) the filing date and application number of said application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Intel Corporation (the "Assignee"), a corporation of the State of Delaware, having a place of business at 2200 Mission College Blvd., Santa Clara, CA 95052, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 45457 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

No Provisional claim for priority is being made at this time.

No U.S. Non-Provisional claim for priority is being made at this time.

Assignment
Client Ref. No P41212
Assignors: Nicholas Denler et al.
Title: DESIGN TOOL FOR GLITCH REMOVAL
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Docket No: 884 J92US1

No International or foreign claim for priority is being made at this time.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: 1:

(Signature):_____

        Name: **Nicholas Denler**

Date:_____

Inventor: 2:

(Signature):_____

          Name: **Iredamola Dammy Olopade**

Date:_Dec 19, 2011_____

Inventor: 3:

(Signature):_____

          Name: **Sunil Gupta**

Date:_____

Inventor: 4:

(Signature):_____

          Name: **Sulakshana Shyama Nath**

Date:_____

ASSIGNMENT

WHEREAS, We, Nicholas Denler, residing at 935 NW Silverado Dr, Beaverton, OR 97006, and Iredamola Dammy Olopade, residing at 6085 NW Sickle Terrace, Portland, OR 97229, and Sunil Gupta, residing at 2286 NE 14th Place, Hillsboro, OR 97124, and Sulakshana Shyama Nath, residing at 15947 NW Wismer Drive, Portland, OR 97229, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on December 29, 2011, which application was assigned U.S. patent application serial number 13/340,455, and is entitled DESIGN TOOL FOR GLITCH REMOVAL:

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Intel Corporation (the "Assignee"), a corporation of the State of Delaware, having a place of business at 2200 Mission College Blvd., Santa Clara, CA 95052, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 45457 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

No Provisional claim for priority is being made at this time.

No U.S. Non-Provisional claim for priority is being made at this time.

No International or foreign claim for priority is being made at this time.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: 1:

(Signature):_____

      Name: **Nicholas Denler**

Date:_____

Inventor: 2:

(Signature):_____

      Name: **Iredamola Dammy Olopade**

Date:_____

Inventor: 3:

(Signature): _Sunil Kumar Gupta_

   Name: **Sunil Gupta**

Date: _02/20/2012_

Inventor: 4:

(Signature): _____

   Name: **Sulakshana Shyama Nath**

Date: _____

Attorney Docket No. 884.J92US1
Client Ref. No. P41212

ASSIGNMENT

WHEREAS, We, Nicholas Denler, residing at 935 NW Silverado Dr, Beaverton, OR 97006, and Iredamola Dammy Olopade, residing at 6085 NW Sickle Terrace, Portland, OR 97229, and Sunil Gupta, residing at 2286 NE 14th Place, Hillsboro, OR 97124, and Sulakshana Shyama Nath, residing at ~~15947 NW Wismer Drive, Portland, OR~~ 97229, made certain new and useful inventions and improvements which are described in *8731 SW Muleder Dr. Beaverton, OR 97* an application for U.S. Letters Patent on December 29, 2011, which application was assigned U.S. patent application serial number 13/340,455, and is entitled <u>DESIGN TOOL FOR GLITCH REMOVAL</u>:

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to <u>Intel Corporation</u> (the "Assignee"), a corporation of the State of <u>Delaware</u>, having a place of business at <u>2200 Mission College Blvd., Santa Clara, CA 95052</u>, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

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Additional Application Information
No Provisional claim for priority is being made at this time.
No U.S. Non-Provisional claim for priority is being made at this time.
No International or foreign claim for priority is being made at this time.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

Assignment   Docket No: 884.192US1
Client Ref. No. P41212
Assignors: Nicholas Denler et al.   Serial Number: 13/340,455
Title: DESIGN TOOL FOR GLITCH REMOVAL
Page 2 of 3

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

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AGREED as of the date of my signature below:

Inventor: 1:

(Signature):_____

Name: Nicholas Denler

Date:_____

Inventor: 2:

(Signature):_____

Name: Iredamola Dammy Olopade

Date:_____

Docket No: 884.J92US1

Serial Number: 13/340,455

Assignment
Client Ref. No. P41212
Assignee: Nicholas Denler et al.
Title: DESIGN TOOL FOR GLITCH REMOVAL
Page 3 of 3

Inventor: 3:

(Signature):_____

Name: **Sunil Gupta**

Date:_____

Inventor: 4:

(Signature):_____

Name: **Sulakshana Shyama Nath**

Date: 01/23/2012