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PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | NEW ASSIGNMENT | |
|---|----------------------------|---|---------------------|--|
| NATURE OF CONVEYANCE: | | ASSIGNMENT | ASSIGNMENT | |
| CONVEYING PARTY | | | | |
| | | Name | Execution Date | |
| ALEKSANDER MAG | | | 11/04/2014 | |
| GLEN J. ANDERSON | | | 11/03/2014 | |
| ANA ROSARIO | | | 04/20/2016 | |
| RYAN SCOTT BROTMAN | | | 06/16/2016 | |
| CORY J. BOOTH | | | 11/03/2014 | |
| GIUSEPPE RAFFA | | | 11/03/2014 | |
| JAMIE SHERMAN | | | 11/06/2014 | |
| PHILIP A. MUSE | | | 11/04/2014 | |
| JONATHAN J. HUANG | | | 11/04/2014 | |
| DEEPAK VEMBAR | | | 11/03/2014 | |
| City: State/Country: Postal Code: PROPERTY NUMBE | CALIF 95054 | SANTA CLARA CALIFORNIA 95054 | | |
| Property Ty | | Number | | |
| PCT Number: | | US2013076537 | | |
| | ll be sent t if provide | o the e-mail address first; if that is d; if that is unsuccessful, it will be REQUEST@SLWIP.COM SCHWEGMAN LUNDBERG & WOB | e sent via US Mail. | |
| Correspondent Nam Address Line 1: Address Line 4: | 16: | PO BOX 2938 MINNEAPOLIS, MINNESOTA 5540 | | |
| Correspondent Nam Address Line 1: | | PO BOX 2938 MINNEAPOLIS, MINNESOTA 5540 | | |

| SIGNATURE: | /Linn Leiferman/ | | | |
|--|------------------|--|--|--|
| DATE SIGNED: | 06/20/2016 | | | |
| Total Attachments: 17 | • | | | |
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Atty Ref/Docket No.: 884.P75WO1

| To the Director of the U.S. Patent and Trademark Office: P thereof. | lease record the attached original documents or copy | | | |
|---|---|--|--|--|
| | 2. Name and address of receiving party(ies): | | | |
| 1. Name of conveying party(ies): | Name: Intel Corporation | | | |
| Aleksander Magi, Glen J. Anderson, Ana Rosario, Ryan Scott Brotman, Cory J. Booth, Giuseppe Raffa, Jamie Sherman, Philip A. Muse, Jonathan J. Hung, Deapek Vember | Street Address: 2200 Mission College Blvd. | | | |
| Huang, Deepak Vembar 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: November 4, 2014, November 3, 2014, April 20, 2016, June 16, 2016, November 3, 2014, November 4, 2014, November 6, 2014, November 3, 2014, November 4, 2014, November 4, 2014, November 3, 2014, November 4, 2014, November 3, 2014, November 3, 2014, November 4, 2014, November 3, 2014, November 3, 2014, November 3, 2014, November 3, 2014, November 4, 2014, November 3, 2014, Nov | City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95054</u> Country: <u>United States of America</u> Additional name(s) & address(es) attached? []Yes [X]No | | | |
| 2014 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) B. Patent No.(s) | | | | |
| Serial No. PCT/US2013/076537, Filed December 19, | 2013 | | | |
| Additional numbers attached? []Yes [X]No 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 0.00 | | | |
| Name: John I. Fischer | []Enclosed | | | |
| Address: Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 Minneapolis, MN 554020938 | []Authorized to be charged to deposit account 504238 8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 504238 | | | |
| DO NOT USE THIS SPACE | | | | |
| 9. Statement and signature. To the best of my knowledge and belief, the foregoing informative copy of the original document. | nation is true and correct and any attached copy is a $20 \text{ Jun } 2016$ | | | |
| John I. Fischer/Reg. No. 60.900 Name of Person Signing | Signature Date | | | |
| Total Mail documents to be recorded with required cover sheet info | number of pages including cover sheet: <u>17</u> | | | |

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P.O. Box 1450

Alexandria, VA 22313-1450

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s)

Rachel Hinman, Aleksander Magi, Glen J. Anderson, Ana Rosario, Ryan Scott Brotman, Cory J. Booth, Giuseppe Beppe Raffa, Jamie Sherman, Philip A. Muse, Jonathan Jon Huang, Deepak Vembar

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

DIGITAL CHARMS SYSTEM AND METHOD

(I hereby authorize and request any attorney having appropriate authority from the assignce to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on December 19, 2013 as

PCT Application Number PCI/US2013/076537

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignce may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute

Page 1 of 3

all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignce, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Deepak Vembar

Jonathan Jon Huang

Philip A. Muse

Jamie Sherman

Giuseppe Beppe Raffa

Cory J. Booth

Ryan Scott Brotman

Date Signed

PATENT REEL: 038955 FRAME: 0982

Ana Rosario

Page 2 of 3

Date Signed Glen J. Anderson */******/17 Date Signed Aleksander Magi Rachel Hinman Date Signed PATENT Page 3 of 3

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REEL: 038955 FRAME: 0983

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Jonathan Jon Huang

11/3/2014 Date Signed

Date Signed

Philip A. Muse

amie Sherman

Gins ffa Booth

Ryan Scott Brotman

Ana Rosario

Date Signed

 $\frac{M/3/14}{\text{Date Signed}}$

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Page 2 of 3

<u>Hen</u> J. Anderson Inderse

3/14 Date Signed 11

Aleksander Magi

Date Signed

Rachel Hinman

Date Signed

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Page 2 of 3

Date Signed

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Date Signed

Date Signed 20th/2016 PA? Date Signed

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Date Signed

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Date Signed

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Date Signed 06.16.2016 PSD Date Stonec

Date Signed

Page 2 of 3

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[

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Date Signed

11/4/2014 Date Signed

Date Signed

Date Signed

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PATENT REEL: 038955 FRAME: 0992

Page 2 of 3

Glen J. Anderson

Date Signed

Aleksander Magi

Rachel Hinman

Date Signed

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RECORDED: 06/20/2016