

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
<b>CONVEYING PARTY DATA</b>																					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Prashant Dewan</td> <td>11/07/2012</td> </tr> <tr> <td>Siddhartha Chhabra</td> <td>11/06/2012</td> </tr> <tr> <td>Xiaozhu Kang</td> <td>11/07/2012</td> </tr> <tr> <td>Xiaoning Li</td> <td>11/07/2012</td> </tr> <tr> <td>Uday R. Savagaonkar</td> <td>11/07/2012</td> </tr> <tr> <td>David M. Durham</td> <td>11/07/2012</td> </tr> <tr> <td>Paul S. Schmitz</td> <td>11/01/2012</td> </tr> <tr> <td>Michael A. Goldsmith</td> <td>11/13/2012</td> </tr> <tr> <td>Jason Martin</td> <td>11/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Prashant Dewan	11/07/2012	Siddhartha Chhabra	11/06/2012	Xiaozhu Kang	11/07/2012	Xiaoning Li	11/07/2012	Uday R. Savagaonkar	11/07/2012	David M. Durham	11/07/2012	Paul S. Schmitz	11/01/2012	Michael A. Goldsmith	11/13/2012	Jason Martin	11/12/2012
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Michael A. Goldsmith	11/13/2012																				
Jason Martin	11/12/2012																				
<b>RECEIVING PARTY DATA</b>																					
Name:	Intel Corporation																				
Street Address:	2200 Mission College Blvd.																				
City:	Santa Clara																				
State/Country:	CALIFORNIA																				
Postal Code:	95054																				
<b>PROPERTY NUMBERS Total: 1</b>																					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13631288</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13631288																
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<b>CORRESPONDENCE DATA</b>																					
Fax Number:	6126773572																				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																					
Phone:	317-261-7959																				
Email:	docketing@cpaglobal.com																				
Correspondent Name:	Intel Corporation																				
Address Line 1:	c/o CPA Global																				
Address Line 2:	P.O. Box 52050																				

Address Line 4: Minneapolis, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:

P45965

NAME OF SUBMITTER:

Richard Beck

Total Attachments: 8

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## ASSIGNMENT

WHEREAS, We, Prashant Dewag, residing at 119 NE Atlantic Place, Hillsboro, OR 97124, US and Siddhartha Chhabra, residing at 1221 NE 51st Ave., Apt. 30, Hillsboro, OR 97124, US and Xiaozhu Kang, residing at 4006 Dill Terrace, Fremont, CA 94538, US and Xiaoning Li, residing at 2111 NE 25th Ave JF2-2-67-84, Hillsboro, OR 97124, US and Uday R. Savaganekar, residing at 5507 NW 133<sup>rd</sup> Avenue, Portland, OR 97229, US and David M. Durham, residing at 20431 SW Tremont Way, Beaverton, OR 97007, US and Paul S. Schmitz, residing at 30852 NW Brooking Ct., North Plains, OR 97133, US and Michael A. Goldsmith, residing at 17905 Kelok, Lake Oswego, OR 97034, US and Jason Martin, residing at 6248 SW 153rd Ave., Beaverton, OR 97007, US made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on September 28, 2012, which application was assigned U.S. patent application serial number 13/631,288, and is entitled DEVICE AND METHOD FOR SECURE USER INTERFACE GESTURE PROCESSING USING PROCESSOR GRAPHICS:

AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2200 Mission College Blvd., Santa Clara, CA 95054 (hereinafter 'Assignee'), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore:

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries

which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

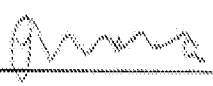
AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

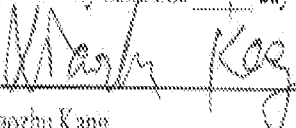
IN TESTIMONY WHEREOF, I have hereunto set my hand this 07 day of Nov, 2012.

  
\_\_\_\_\_  
Prashant Dewan

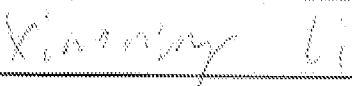
IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of Nov, 2012.

  
\_\_\_\_\_  
Siddhartha Chhabra

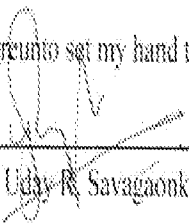
IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of Nov, 2012.

  
\_\_\_\_\_  
Xiaozhu Kang


IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of Nov, 2012.

  
\_\_\_\_\_  
Xiaoning Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of Nov, 2012.

  
\_\_\_\_\_  
Uday R. Savagaonkar

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of Nov, 2012.

  
\_\_\_\_\_  
David M. Durham

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

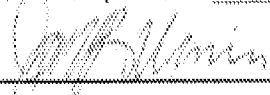
\_\_\_\_\_  
Paul S. Schmitz

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of Nov, 2012.



Michael A. Goldsmith

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of Nov, 2012.



Jason Martin

### ASSIGNMENT

WHEREAS, We, Prashant Dewan, residing at 119 NE Atlantic Place, Hillsboro, OR 97124, US and Siddhartha Chhabra, residing at 1221 NE 51st Ave., Apt. 30, Hillsboro, OR 97124, US and Xiaozhu Kang, residing at 4006 Dill Terrace, Fremont, CA 94538, US and Xiaoning Li, residing at 2111 NE 25th Ave JF2-2-67-84, Hillsboro, OR 97124, US and Uday R. Savagaonkar, residing at 5507 NW 133<sup>rd</sup> Avenue, Portland, OR 97229, US and David M. Durham, residing at 20431 SW Tremont Way, Beaverton, OR 97007, US and Paul S. Schmitz, residing at 30852 NW Brooking Ct., North Plains, OR 97133, US and Michael A. Goldsmith, residing at 17905 Kelok, Lake Oswego, OR 97034, US and Jason Martin, residing at 6248 SW 153rd Ave., Beaverton, OR 97007, US made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on September 28, 2012, which application was assigned U.S. patent application serial number 13/631,288, and is entitled DEVICE AND METHOD FOR SECURE USER INTERFACE GESTURE PROCESSING USING PROCESSOR GRAPHICS;

AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2200 Mission College Blvd., Santa Clara, CA 95054 (hereinafter 'Assignee'), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries

which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Prashant Dewan

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Siddhartha Chhabra



Docket No: P45965  
Serial Number : 13/631,288  
Filing Date : September 28, 2012  
Page 3 of 4

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\_\_\_\_\_  
Xiaozhu Kang

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Xiaoning Li

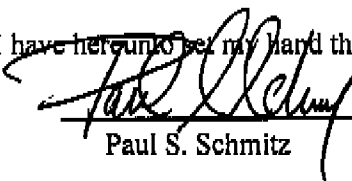
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\_\_\_\_\_  
Uday R. Savagaonkar

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
David M. Durham

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1 day of NOV, 2012.

  
\_\_\_\_\_  
Paul S. Schmitz

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Michael A. Goldsmith

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Jason Martin