

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Lidong Xu	10/15/2009
Yi-Jen Chiu	10/19/2009
RECEIVING PARTY DATA	
Name:	Intel Corporation
Street Address:	2200 Mission College Blvd.
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12582061
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 4:	Minneapolis, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	P32772
NAME OF SUBMITTER:	Edward W. Yee

Total Attachments: 4
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**PATENT
 REEL: 025165 FRAME: 0959**

CH \$40.00 12582061

ASSIGNMENT

L. X.

WHEREAS, ~~Wc, Lidong Xu, residing at Room 2B601, YanQingYuan No. 26,
Haidian District, Beijing, China, 100190~~
~~Dingke Maokang Rd, Haidian District, Beijing, 1110085~~ China, and ~~Yi-ten Chiu, residing at~~
1043 Oaktree Drive, San Jose, CA 95129, made certain new and useful inventions and
improvements for which we filed an application for Letters Patent of the United States entitled
METHODS AND APPARATUS FOR ADAPTIVELY CHOOSING A SEARCH RANGE FOR
MOTION ESTIMATION;

WHEREAS, We hereby authorize and request our attorneys, associated with Customer
Number 78483, to insert here in parentheses (SER. No. 12/582,061); Filing Date:
October 20, 2009) the filing date and application number of said application when known

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 95052 (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 15 day of Oct., 2009.



Lidong Xu

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2009.

Yi-Jen Chiu

ASSIGNMENT

WHEREAS, We, Lidong Xu, residing at Room 7B601, YanQingYuan, No. 26, QingHeMaoFang Rd., Haidian District, Beijing, 11 100085, China, and Yi-Jen Chiu, residing at 1043 Oaktree Drive, San Jose, CA 95129, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled METHODS AND APPARATUS FOR ADAPTIVELY CHOOSING A SEARCH RANGE FOR MOTION ESTIMATION;

WHEREAS, We hereby authorize and request our attorneys, associated with Customer Number 78483, to insert here in parentheses (SER. No. 12/582,061; Filing Date: October 20, 2009) the filing date and application number of said application when known

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 95052 (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

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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 _____, 2009.

Lidong Xu

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of October, 2009.

Yi-Jen Chiu
Yi-Jen Chiu

PATENT

RECORDED: 10/20/2010

REEL: 025165 FRAME: 0964