

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Qinghua Li	01/22/2008
Xintian E. Lin	01/23/2008
Adrian P. Stephens	05/22/2006
Keith Holt	06/14/2006
Eldad Perahia	06/16/2006

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:	11395363

CORRESPONDENCE DATA

Fax Number: (612)677-3572
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 480-948-3745
Email: rbailey@intellevate.com
Correspondent Name: The Law Offices of John C. Scott, LLC
Address Line 1: c/o Intellevate
Address Line 2: P.O. Box 52050
Address Line 4: Minneapolis, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:

1000-0102

NAME OF SUBMITTER:

Rachelle J. Bailey

PATENT

500446509

REEL: 020406 FRAME: 0646

OP \$40.00 11395363

Total Attachments: 10

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source=Stephen executed Asgn#page1.tif
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ASSIGNMENT

WHEREAS, We, Qinghua Li, residing at 455 Crescent Ave, Apt. 17, Sunnyvale, CA 94087, and Xintian E. Lin, residing at 111 N. Rengstorff Avenue, #28, Mountain View, CA 94043, and Adrian P. Stephens, residing at 64 Lamb's Lane, Cottenham, Cambridge, United Kingdom, CB4 8TA, and Keith Holt, residing at 2337 Inverness Pl., El Dorado Hills, CA 95762, and Eldad Perahia, residing at 2016 NW Langley Ct, Portland, OR 97229, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on March 31, 2006, which application was assigned U.S. patent application serial number 11/395,363, and is entitled EFFICIENT TRAINING SCHEMES FOR MIMO BASED WIRELESS NETWORKS;

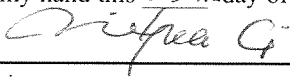
AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2200 Mission College Blvd., Santa Clara, CA 95052 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

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 22nd day of January, 2008.



Qinghua Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23rd day of January, 2008.



Xintian E. Lin

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2006.

Adrian P. Stephens

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2006.

Keith Holt

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IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2006.

Eldad Perahia

ASSIGNMENT

WHEREAS, We, Qinghua Li, residing at 455 Crescent Ave, Apt. 17, Sunnyvale, CA 94087, and Xintian E. Lin, residing at 111 N. Rengstorff Avenue, #28, Mountain View, CA 94043, and Adrian P. Stephens, residing at 64 Lamb's Lane, Cottenham, Cambridge, United Kingdom, CB4 8TA, and Keith Holt, residing at 2337 Inverness Pl., El Dorado Hills, CA 95762, and Eldad Perahia, residing at 2016 NW Langley Ct, Portland, OR 97229, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on March 31, 2006, which application was assigned U.S. patent application serial number 11/395,363, and is entitled EFFICIENT TRAINING SCHEMES FOR MIMO BASED WIRELESS NETWORKS;

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 therefor;

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.

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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.

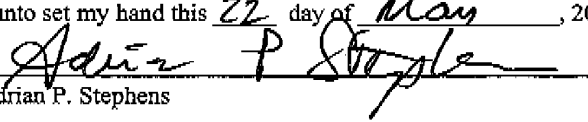
IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2006.

Qinghua Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2006.

Xintian E. Lin

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of May, 2006.


Adrian P. Stephens

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2006.

Keith Holt

ASSIGNMENT

WHEREAS, We, Qinghua Li, residing at 455 Crescent Ave, Apt. 17, Sunnyvale, CA 94087, and Xintian E. Lin, residing at 111 N. Rengstorff Avenue, #28, Mountain View, CA 94043, and Adrian P. Stephens, residing at 64 Lamb's Lane, Cottenham, Cambridge, United Kingdom, CB4 8TA, and Keith Holt, residing at 2337 Inverness Pl., El Dorado Hills, CA 95762, and Eldad Perahia, residing at 2016 NW Langley Ct, Portland, OR 97229, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on March 31, 2006, which application was assigned U.S. patent application serial number 11/395,363, and is entitled EFFICIENT TRAINING SCHEMES FOR MIMO BASED WIRELESS NETWORKS;

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 therefor;

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 _____, 2006.

Qinghua Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2006.

Xintian E. Lin

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2006.

Adrian P. Stephens

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of June, 2006.

Keith Holt
Keith Holt

ASSIGNMENT

WHEREAS, We, Qinghua Li, residing at 455 Crescent Ave, Apt. 17, Sunnyvale, CA 94087, and Xintian E. Lin, residing at 111 N. Rengstorff Avenue, #28, Mountain View, CA 94043, and Adrian P. Stephens, residing at 64 Lamb's Lane, Cottenham, Cambridge, United Kingdom, CB4 8TA, and Keith Holt, residing at 2337 Inverness Pl., El Dorado Hills, CA 95762, and Eldad Perahia, residing at 2016 NW Langley Ct, Portland, OR 97229, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on March 31, 2006, which application was assigned U.S. patent application serial number 11/395,363, and is entitled EFFICIENT TRAINING SCHEMES FOR MIMO BASED WIRELESS NETWORKS;

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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.

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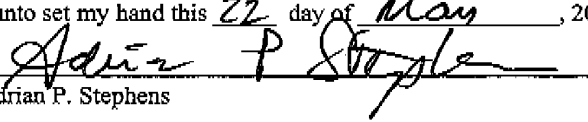
IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2006.

Qinghua Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2006.

Xintian E. Lin

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of May, 2006.


Adrian P. Stephens

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2006.

Keith Holt

Docket No: 1000-0102
Serial Number : 11/395,363
Filing Date : March 31, 2006
Page 3 of 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this: 16 day of June, 2006.

Eldad Perahia
Eldad Perahia