

10-14-1999



Atty Ref/Docket No.: 884.109US1

101170912

To the Honorable Commissioner of Patents and Trade

its or copy thereof.

1. Name of conveying party(ies): **MRA 10.12.99**

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

Suresh Marisetty, Andrew J. Fish, Yan Li,
Mani Ayyar, Amy O'Donnell, George Thangadurai and
Sham M. Datta

Name: Intel Corporation

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

Street Address: 2625 Walsh Avenue

3. Nature of conveyance:

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

City: Santa Clara State: CA ZIP: 95051

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

Execution Date: August 18 and 24, September 1 (2), 12 and 21, October 6,
1999

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. 09/352,715, filed July 13, 1999

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: 1

Name: Edward J. Brooks, III

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

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

[X] Enclosed
[] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 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.

Edward J. Brooks, III/Reg. No. 40,925

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 21

OMB No. 0651-0011 (exp. 4/94)

10/14/1999 DNG/YEN 00000045 09352715

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PATENT
REEL: 010298 FRAME: 0922

ASSIGNMENT

WHEREAS, WE, Suresh Marisetty, residing at 1662 Lederer Circle, San Jose, CA 95131, and Andrew J. Fish, residing at 9630 Bee Dee Drive, Olympia, WA 98516, and Yan Li, residing at 525 Illahee Lane, Olympia, WA 98516, and Mani Ayyar, residing at 18816 Tuggle Ave, Cupertino, CA 95014, and Amy O'Donnell, residing at 3451 South Beverly Place, Chandler, AZ 85248, and George Thangadurai, residing at 2359 Lass Drive, Santa Clara, CA 95054, and Sham M. Datta, residing at 532 NE Lenox Street, Hillsboro, OR 97124, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on July 13, 1999, which application was assigned U.S. patent application serial number 09/352,715, and is entitled ALGORITHM FOR NON-VOLATILE MEMORY UPDATES.

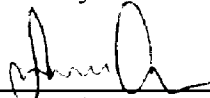
AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2625 Walsh Avenue, Santa Clara, CA 95051, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest 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 therefrom, 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 therefrom; 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 me/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 18 day of 8, 1999.



Suresh Marisetty

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Andrew J. Fish

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Yan Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Mani Ayyar

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Amy O'Donnell

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

George Thangadurai

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Sham M. Datta

ASSIGNMENT

WHEREAS, WE, Suresh Marisetty, residing at 1662 Lederer Circle, San Jose, CA 95131, and Andrew J. Fish, residing at 9630 Bee Dee Drive, Olympia, WA 98516, and Yan Li, residing at 525 Illahee Lane, Olympia, WA 98516, and Mani Ayvar, residing at 18816 Tuggle Ave, Cupertino, CA 95014, and Amy O'Donnell, residing at 3451 South Beverly Place, Chandler, AZ 85248, and George Thangadurai residing at 2359 Lass Drive, Santa Clara, CA 95054, and Sham M. Datta, residing at 532 NE Lenox Street, Hillsboro, OR 97124, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on July 13, 1999, which application was assigned U.S. patent application serial number 09/352,715, and is entitled ALGORITHM FOR NON-VOLATILE MEMORY UPDATES.

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 2625 Walsh Avenue, Santa Clara, CA 95051, (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 therefrom, 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 therefrom; 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 me/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 _____, 1999.

Suresh Marisetty

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of Oct 6, 1999.



Andrew J. Fish

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Yan Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Mavi Ayyar

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Amy O'Donnell

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Page 3 of 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

George Thangadurai

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Sham M. Datta

ASSIGNMENT

WHEREAS, WE, Suresh Marisetty, residing at 1662 Lederer Circle, San Jose, CA 95131, and Andrew J. Fish, residing at 9630 Bee Dee Drive, Olympia, WA 98516, and Yan Li, residing at 525 Illahee Lane, Olympia, WA 98516, and Mani Ayyar, residing at 18816 Tuggle Ave, Cupertino, CA 95014, and Amy O'Donnell, residing at 3451 South Beverly Place, Chandler, AZ 85248, and George Thangadurai, residing at 2359 Lass Drive, Santa Clara, CA 95054, and Sham M. Datta, residing at 532 NE Lenox Street, Hillsboro, OR 97124, made certain new and useful inventions and improvements for which We executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled ALGORITHM FOR NON-VOLATILE MEMORY UPDATES.

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 2625 Walsh Avenue, Santa Clara, CA 95051, (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, or renewals thereof, all Letters Patent which may be granted therefrom, 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 therefrom; 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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Page 2 of 3

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 me/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 _____, 1999.

Suresh Marisetty

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of _____, 1999.

Andrew J. Fish

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of September 1999.

Yan Li

Yan Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Mani Ayyar

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Amy O'Donnell

Docket No.: 884.109US1
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Page 3 of 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

George Thangadurai

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Sham M. Datta

ASSIGNMENT

WHEREAS, WE, Suresh Marisetty, residing at 1662 Lederer Circle, San Jose, CA 95131, and Andrew J. Fish, residing at 9630 Bee Dee Drive, Olympia, WA 98516, and Yan Li, residing at 525 Illahee Lane, Olympia, WA 98516, and Mani Ayyar, residing at 18816 Tuggle Ave, Cupertino, CA 95014, and Amy O'Donnell, residing at 3451 South Beverly Place, Chandler, AZ 85248, and George Thangadurai, residing at 2359 Lass Drive, Santa Clara, CA 95054, and Sham M. Datta, residing at 532 NE Lenox Street, Hillsboro, OR 97124, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on July 13, 1999, which application was assigned U.S. patent application serial number 09/352,715, and is entitled ALGORITHM FOR NON-VOLATILE MEMORY UPDATES.

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 2625 Walsh Avenue, Santa Clara, CA 95051, (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 therefrom, 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 therefrom; 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 _____, 1999

Suresh Marisetty

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Andrew J. Fish

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Yan Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1st day of September, 1999.



Mani Ayyar

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Amy O'Donnell

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

George Thangadurai

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Sham M. Datta

ASSIGNMENT

WHEREAS, WE, Suresh Marisetty, residing at 1662 Lederer Circle, San Jose, CA 95131, and Andrew J. Fish, residing at 9630 Bee Dee Drive, Olympia, WA 98516, and Yan Li, residing at 525 Illahee Lane, Olympia, WA 98516, and Mani Ayyar, residing at 18816 Tuggle Ave, Cupertino, CA 95014, and Amy O'Donnell, residing at 3451 South Beverly Place, Chandler, AZ 85248, and George Thangadurai, residing at 2359 Lass Drive, Santa Clara, CA 95054, and Sham M. Datta, residing at 532 NE Lenox Street, Hillsboro, OR 97124, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on July 13, 1999, which application was assigned U.S. patent application serial number 09/352,715, and is entitled ALGORITHM FOR NON-VOLATILE MEMORY UPDATES.

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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 therefrom, 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 therefrom; 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 _____, 1999.

Suresh Marisetty

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Andrew J. Fish

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Yan Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Mani Ayyar

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of August, 1999.



Amy O'Donnell

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

George Thangadurai

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Sham M. Datta

ASSIGNMENT

WHEREAS, WE, Suresh Marisetty, residing at 1662 Lederer Circle, San Jose, CA 95131, and Andrew J. Fish, residing at 9630 Bee Dee Drive, Olympia, WA 98516, and Yan Li, residing at 525 Illahee Lane, Olympia, WA 98516, and Mani Ayyar, residing at 18816 Tuggle Ave, Cupertino, CA 95014, and Amy O'Donnell, residing at 3451 South Beverly Place, Chandler, AZ 85248, and George Thangadurai, residing at 2359 Lass Drive, Santa Clara, CA 95054, and Sham M. Datta, residing at 532 NE Lenox Street, Hillsboro, OR 97124, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on July 13, 1999, which application was assigned U.S. patent application serial number 09/352,715, and is entitled ALGORITHM FOR NON-VOLATILE MEMORY UPDATES.

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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 therefrom, 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 therefrom; 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 _____, 1999.

Suresh Marisetty

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Andrew J. Fish

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Yan Li

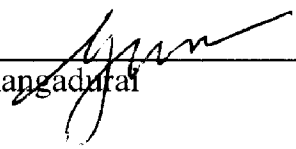
IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Mani Ayyar

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Amy O'Donnell

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of Sept, 1999.



George Thangadurai

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Sham M. Datta

ASSIGNMENT

WHEREAS, WE, Suresh Marisetty, residing at 1662 Lederer Circle, San Jose, CA 95131, and Andrew J. Fish, residing at 9630 Bee Dee Drive, Olympia, WA 98516, and Yan Li, residing at 525 Illahee Lane, Olympia, WA 98516, and Mani Ayyar, residing at 18816 Tuggle Ave, Cupertino, CA 95014, and Amy O'Donnell, residing at 3451 South Beverly Place, Chandler, AZ 85248, and George Thangadurai, residing at 2359 Lass Drive, Santa Clara, CA 95054, and Sham M. Datta, residing at 532 NE Lenox Street, Hillsboro, OR 97124, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on July 13, 1999, which application was assigned U.S. patent application serial number 09/352,715, and is entitled ALGORITHM FOR NON-VOLATILE MEMORY UPDATES.

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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 therefrom, 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 therefrom; 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 _____, 1999.

Suresh Marisetty

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Andrew J. Fish

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Yan Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Mani Ayyar

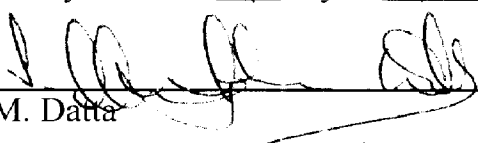
IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Amy O'Donnell

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

George Thangadurai

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1 day of Sept, 1999.



Sham M. Datta