

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Monier MAHER	09/10/2008
Christopher LAMB	09/10/2008
Sanjay J. PATEL	12/19/2008
Peter HSU	12/19/2008

RECEIVING PARTY DATA

Name:	NVIDIA Corporation
Street Address:	2701 San Tomas Expressway
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95050

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12208231

CORRESPONDENCE DATA

Fax Number: (713)623-4844

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 7136234846

Email: kneil@pattersonsheridan.com

Correspondent Name: Patterson & Sheridan, LLP.

Address Line 1: 3040 Post Oak Blvd.

Address Line 2: Suite 1500

Address Line 4: Houston, TEXAS 77056

NAME OF SUBMITTER:

John C. Carey

Total Attachments: 8

source=NVDA_AG080132US1_ASG#page1.tif

source=NVDA_AG080132US1_ASG#page2.tif

501041228

PATENT
REEL: 023653 FRAME: 0796

OP \$40.00 12208231

source=NVDA_AG080132US1_ASG#page3.tif
source=NVDA_AG080132US1_ASG#page4.tif
source=NVDA_AG080132US1_ASG#page5.tif
source=NVDA_AG080132US1_ASG#page6.tif
source=NVDA_AG080132US1_ASG#page7.tif
source=NVDA_AG080132US1_ASG#page8.tif

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Monier MAHER, residing at
6447 Alamo Ave. #1E
St. Louis, MO 63105

Christopher LAMB, residing at
80 Descanso Dr. #3318
San Jose, CA 95134

Sanjay J. PATEL, residing at
310 W. Michigan Ave.
Urbana, IL 61801

Peter HSU, residing at
1 Rausch St., Unit F
San Francisco, CA 94103

(hereinafter referred to as Assignor(s), have invented a certain invention entitled:

ARCHITECTURE FOR EXECUTING IRREGULARLY PARALLEL APPLICATIONS

for which application for Letters Patent in the United States is filed even herewith, claiming priority to a provisional application assigned application serial number , filed ; and

WHEREAS, NVIDIA Corporation, a corporation of the State of Delaware, having a place of business at 2701 San Tomas Expressway, Santa Clara, California 95050 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignor(s) to have been received in full from said Assignee:

1. Said Assignor(s) hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignor(s) shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or

desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignor(s) in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignor(s), their respective heirs, legal representatives and assigns.

4. Said Assignor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument to said Assignee on the date indicated below.

1) 9/10/08, 2008


Monier MAHER

2) _____, 2008

Christopher LAMB

3) _____, 2008

Sanjay J. PATEL

4) _____, 2008

Peter HSU

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Monier MAHER, residing at
6447 Alamo Ave. #1E
St. Louis, MO 63105

Christopher LAMB, residing at
80 Descanso Dr. #3318
San Jose, CA 95134

Sanjay J. PATEL, residing at
310 W. Michigan Ave.
Urbana, IL 61801

Peter HSU, residing at
1 Rausch St., Unit F
San Francisco, CA 94103

(hereinafter referred to as Assignor(s), have invented a certain invention entitled:

ARCHITECTURE FOR EXECUTING IRREGULARLY PARALLEL APPLICATIONS

for which application for Letters Patent in the United States is filed even herewith, claiming priority to a provisional application assigned application serial number , filed ; and

WHEREAS, NVIDIA Corporation, a corporation of the State of Delaware, having a place of business at 2701 San Tomas Expressway, Santa Clara, California 95050 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignor(s) to have been received in full from said Assignee:

1. Said Assignor(s) hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignor(s) shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or

desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignor(s) in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignor(s), their respective heirs, legal representatives and assigns.

4. Said Assignor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument to said Assignee on the date indicated below.

1) _____, 2008

Monier MAHER

2) September 10, 2008

Christopher J. Lamb
Christopher LAMB

3) _____, 2008

Sanjay J. PATEL

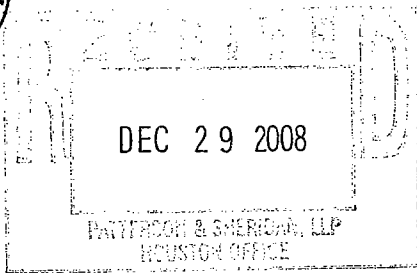
4) _____, 2008

Peter HSU



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov



PATTERSON & SHERIDAN LLP
3040 POST OAK BOULEVARD
SUITE 1500
HOUSTON TX 77056

COPY MAILED

DEC 19 2008

OFFICE OF PETITIONS

In re Application of :
Maher, et al. :
Application No. 12/208,231 : DECISION ACCORDING STATUS
Filed: September 10, 2008 : UNDER 37 CFR 1.47(a)
Attorney Docket No. NVDA/AG-08- :
0132-US1 :

This is in response to the petition under 37 CFR 1.47(a), filed December 1, 2008.

The petition under 37 CFR 1.47(a) is GRANTED.

On petition, petitioner has stated that a copy of the application papers was forwarded to the last known address of inventors Patel and Hsu on October 2, 2008. However, as of the date of the petition, no declaration has been received from either inventor.

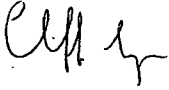
The above-identified application and papers have been reviewed and found to be in compliance with 37 CFR 1.47(a). Accordingly, the above-identified application is hereby accorded Rule 1.47(a) status. As provided in 37 CFR 1.47(c), this Office will forward notice of this application's filing to the non-signing inventor at the last known address provided on the declaration. Notice of the filing of this application will also be published in the Official Gazette.

Application No. 12/208,231

Page 2

The application is being forwarded to Group Art Unit 2183 for docketing and examination in due course.

Telephone inquiries related to this decision may be directed to the undersigned at (571)272-3207.

A handwritten signature in cursive script, appearing to read "Cliff Congo".

Cliff Congo
Petitions Attorney
Office of Petitions



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

PETER HSU
1 RAUSCH ST UNIT F
SAN FRANCISCO CA 94103

COPY MAILED

DEC 19 2008

OFFICE OF PETITIONS

In re Application of
Maher, et al.
Application No. 12/208,231
Filed: September 10, 2008
Title: Architecture for Executing
Irregularly Parallel Applications

LETTER

Dear Mr. Hsu:

You are named as a joint inventor in the above-identified United States patent application filed under the provisions of 35 USC 116 (United States Code) and 37 CFR 1.47(a), Rules of Practice in Patent Cases. Should a patent be granted on the application you will be designated therein as a joint inventor.

As a joint inventor, you are entitled to inspect any paper in the file wrapper of the application, order copies of all or any part thereof (at a prepaid cost per 37 CFR 1.19) or make your position of record in the application. Alternatively, you may arrange to do any of the preceding through a registered patent attorney or agent presenting written authorization from you. If you care to join the application, agent of record would presumably assist you. Joining in the application would entail the filing of an appropriate oath or declaration by you pursuant to 37 CFR 1.63.

Telephone inquiries regarding this communication should be directed to Petitions Attorney Cliff Congo at (571)272-3207. Requests for information regarding your application should be directed to the File Information Unit at (703) 308-2733. Information regarding how to pay for and order a copy of the application, or a specific paper in the application, should be directed to the Certification Division at (703) 308-9726 or 1-800-972-6382 (outside the Washington D.C. area).

Cliff Congo
Cliff Congo
Petitions Attorney
Office of Petitions



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

SANJAY J PATEL
310 W MICHIGAN AVE
URBANA IL 61801

COPY MAILED

DEC 19 2008

In re Application of
Maher, et al.
Application No. 12/208,231
Filed: September 10, 2008
Title: Architecture for Executing
Irregularly Parallel Applications

OFFICE OF PETITIONS

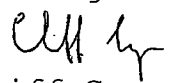
LETTER

Dear Mr. Patel:

You are named as a joint inventor in the above-identified United States patent application filed under the provisions of 35 USC 116 (United States Code) and 37 CFR 1.47(a), Rules of Practice in Patent Cases. Should a patent be granted on the application you will be designated therein as a joint inventor.

As a joint inventor, you are entitled to inspect any paper in the file wrapper of the application, order copies of all or any part thereof (at a prepaid cost per 37 CFR 1.19) or make your position of record in the application. Alternatively, you may arrange to do any of the preceding through a registered patent attorney or agent presenting written authorization from you. If you care to join the application, agent of record would presumably assist you. Joining in the application would entail the filing of an appropriate oath or declaration by you pursuant to 37 CFR 1.63.

Telephone inquiries regarding this communication should be directed to Petitions Attorney Cliff Congo at (571)272-3207. Requests for information regarding your application should be directed to the File Information Unit at (703) 308-2733. Information regarding how to pay for and order a copy of the application, or a specific paper in the application, should be directed to the Certification Division at (703) 308-9726 or 1-800-972-6382 (outside the Washington D.C. area)..


Cliff Congo
Petitions Attorney
Office of Petitions