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12-18-03 Recd

01-02-2004

U.S. Department of Commerce
U.S. Patent and Trademark Office

Tab settings ⇄⇄⇄ ▼



To the Honorable Commissioner of Patent

Original documents or copy thereof

1. Name of conveying party(ies):

Craig E. Kolb; William R. Mark; Cass W. Everitt;
Matthew M. Pharr; Rev Lebareadian

102637303

Name: NVIDIA Corporation

Internal Address:

Street Address: 2701 San Tomas Expressway

City: Santa Clara State: CA ZIP: 95050

Additional name(s) of conveying party(ies) attached? Yes No.

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Additional name(s) and address(es) attached? Yes No

Execution Date: December 15, 2003; December 16, 2003;
December 16, 2003; December 16, 2003; December 16,
2003

4. Application number(s) or patent number(s):

10741691

If this document is being filed together with a new application, the execution date of the application is: December 15, 2003;
December 16, 2003; December 16, 2003; December 16, 2003; December 16, 2003

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jonathan M. Hollander
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

12/31/2003 6TON11 00000075 201430 10741691

01 FC:8021 40.00 DA

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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.

Jonathan M. Hollander
Name of Person Signing
Atty. Reg. No. 48,717

Signature

December 18, 2003
Date

Total number of pages including cover sheet, attachments and documents: 9

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Docket No.: 019680-006800US
 Client Reference No.: P000819

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Craig E. Kolb of 349 Whisman Station Dr., Mountain View, CA 94043; William R. Mark of 1704 Enfield Rd. #101, Austin, TX 78703; Cass W. Everitt of 1417 Haley Gray Drive, Pflugerville, TX 78660; Matthew M. Pharr of 664 Douglass St., San Francisco, CA 94114; Rev Lebareadian of 410 E. 5th St. #402, Austin, TX 78701 hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SUBSHADER MECHANISM FOR PROGRAMMING
 LANGUAGE

Date(s) of execution of Declaration:

Filing Date:

Application No.: ; and

WHEREAS, NVIDIA Corporation, a corporation of the state of Delaware, located at 2701 San Tomas Expressway, Santa Clara, CA 95050, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Assignment
Attorney Docket No.: 019680-006800US
Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 12/15/2003



Craig E. Kolb


Dated: _____

William R. Mark

Dated: _____

Cass W. Everitt

Dated: 12/16/03



Matthew M. Pharr

Dated: _____

Rev Lebardian

60100253 v1

Attorney Docket No.: 019680-006800US
Client Reference No.: P000819

ASSIGNMENT OF PATENT APPLICATION

→ 1605 Pearl St. Austin, TX 78701 *changed 12/16/03 William R. Mark*

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Dated: Dec 16, 2003

William R. Mark

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Dated: _____

Cass W. Everitt

Dated: _____

Mathew M. Pharr

Dated: _____

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William R. Mark

Dated: 12-16-03



Cass W. Everitt

Dated: _____

Matthew M. Pharr

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60100253 v1

TOTAL P.05

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Attorney Docket No.: 019680-006800US
Page 2

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Matthew M. Pharr

Dated:



Rev Lebaredian

60100253 v1

TOTAL P.03

TOTAL P.17