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To the Honorable Commissioner of Patents and Trademark

102433075

thereof.

1. Name of conveying party(ies):

Henry P. Moreton
John Erik Lindholm
Matthew N. Papakipos
Rui M. Bastos

42103

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

Name: Nvidia Corporation

Internal Address: _____

Street Address: 2701 San Tomas ExpresswayCity: Santa Clara State: California Zip: 95050Additional name(s) & address(es) attached? ____ Yes X NoAdditional name(s) of conveying party(ies) attached? ____ Yes X No

3. Nature of conveyance:

X Assignment ____ Merger
____ Security Agreement ____ Change of Name
____ Other

Execution Date: April 16, 2003; April 17, 2003

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

10419524

If this document is being filed together with a new application, the execution date of the application is: _____ (Date of Filing)

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? ____ Yes X No

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

Name: Stephanie WinnerInternal Address: Moser, Patterson & Sheridan, LLPStreet Address: 350 Cambridge Avenue, Suite 250City: Palo Alto State: California Zip: 943066. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41) \$ 40.00

____ Enclosed

X Authorized to be charged to deposit account8. Deposit account number: 20-0782

Please debit underpayment or credit any overpayment to the above deposit account.

Our Order No. NVDA/P000582

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

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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.

Stephanie Winner, Reg.No. 52,371

Name of Person Signing

Signature

April 21, 2003
Date
Total number of pages including cover sheet, attachments and document: 3

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 013991 FRAME: 0376

Attorney Docket No. NVDA P000582 US

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Henry P. Moreton, residing at
140 Phillip Road
Woodside, CA 94062-2625

John Erik Lindholm, residing at
20682 Rice Court
Saratoga, CA 95070

Matthew N. Papakipos, residing at
818 Seale Avenue
Palo Alto, CA 94303

Rui M. Bastos, residing at
2250 Monroe Street, #235
Santa Clara, CA 95050

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

SYSTEM AND METHOD FOR RESERVING AND MANAGING MEMORY SPACES IN A MEMORY RESOURCE

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


1 of 2

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.

April 16, 2003, 2003 
Henry P. Moreton

April 16, 2003 
John Erik Lindholm

4/17, 2003 
Matthew N. Papakipos

April 16, 2003 
Rui M. Bastos