12-29-2003



RECORDATION FORM COVER SHEE 102633741 PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Rui M. Bastos Name: NVIDIA Corporation Matthew N. Papakipos Internal Address: Additional name(s) of conveying party(ies) attached? \_\_ Yes \_\_X No 3. Nature of conveyance: Street Address: 2701 San Tomas Expressway X Assignment \_\_ Merger \_ Security Agreement Change of Name City: Santa Clara State: California Zip: 95050 Other Additional name(s) & address(es) attached? \_\_\_\_ Yes X No Execution Date: December 3, 2003; December 8, 2003 4. Application number(s) or registration number(s): If this document is being filed together with a new application, ite of the application is: <u>December 10, 2003</u> (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 6. Total number of applications and patents involved: document should be mailed: 7. Total fee (37 C.F.R. 3.41) \$ 40.00 James A. Sheridan, Esq. Enclosed Internal Address: Moser, Patterson & Sheridan, LLP X Authorized to be charged to deposit account Street Address: 595 Shrewsbury Avenue, Suite 100 8. Deposit account number: 20-0782 Please debit underpayment or credit any overpayment to the above deposit account. City: Shrewsbury State: New Jersey Zip: 07702 Our Order No. NVDA/P000573 (Attach duplicate of this page if paying by deposit account.) 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. Stephanie Winner, Reg. No. 52,371 December 10, 2003 Name of Person Signing Total number of pages including cover sheet, attachments and document: 5

2/24/2003 ECOOPER 00000218 200782 10732730 L FC:8021 40.00 BA

> PATENT REEL: 014818 FRAME: 0922

Attorney Docket No. NVDA P000573 US

#### **ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

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

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

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

#### MULTIPLE DATA BUFFERS FOR PROCESSING GRAPHICS DATA

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 groupe 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, epecificatione, declaratione 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.

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- 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.
- 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 sald Assignor has executed and delivered this instrument to said Assignee on the date indicated below.

12/03/03	_, 2003 _	Rui M. Bastos	
	_, 2003 _	Matthew N. Papakipos	

2 of 2

TOTAL P.11

## Attorney Docket No. NVDA P000573 US

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

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- 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 presecuting 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.

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PATENT REEL: 014818 FRAME: 0925 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.

2003

Rui M. Bastos

Carlos 3 , 200

Matthew N. Papakipos

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