

04-15-2003

Form PTO-1595
(Rev. 10-02)
OMB No. 0651-0027 (exp. 6/30/2005)



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Tab settings

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):
Exluna, Inc.
1900 Addison Street, Suite 200
Berkeley, California 94704
Additional name(s) of conveying party(ies) attached? Yes No.

4.14.03

2. Name and address of receiving party(ies)
Name: NVIDIA Corporation
Street Address: 2701 San Tomas Expressway
City: Santa Clara State: CA ZIP: 95050

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: This is a Corrective Recordation Form PTO-1595
Execution Date: July 19, 2002

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

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): 09/865,990; 60/373,068; 10/157,579; 10/164,691; 10/164,528; 10/177,078; 10/186,093; PCT/US02/16356; and PCT/US02/16798
B. Patent No(s): _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Babak S. Sani
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 9
7. Total fee (37 CFR 3.41): -----\$360.00
 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)

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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.
Babak S. Sani Name of Person Signing
[Signature] Signature
March 27, 2003 Date
Atty. Reg. No. 37,495

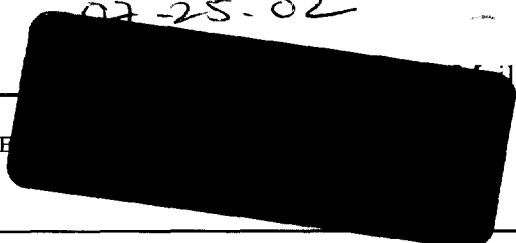
Total number of pages including cover sheet, attachments and document 3
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Washington, D.C. 20231

07-25-02

JD \$



RE



Serial Number: EL 451 597 889US

Attorney Docket Number 10626-002-999

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): EXLUNA, INC.</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: NVIDIA CORPORATION</p> <p>Address: 2701 San Tomas Expressway Santa Clara, CA 95050</p> <p>Country (if other than USA): _____</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: July 19, 2002</p>	

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) See Schedule A	B. Patent No.(s) _____
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>PENNIE & EDMONDS LLP 3300 Hillview Avenue Palo Alto, CA. 94304</p>	<p>6. Number of applications and patents involved: 9</p>
	<p>7. Total fee (37 CFR 3.41):.....\$ 360.00 Please charge to the deposit account listed in Section 8.</p>
	<p>8. Deposit account number: 16-1150</p>

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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.

<p>Andrew J. Gray, IV Name of Person Signing</p>	<p>41,796 Reg. No.</p>	<p> Signature</p>	<p>July 23, 2002 Date</p>
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for Kelly D. Talcott, Reg. No. 39,582

Total number of pages including cover sheet:	3
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07/31/2002 TDIAZ1 00000193 161150 09865990
01 FF:581 40.00 CH

SCHEDULE A

PENDING UNITED STATES PATENT APPLICATIONS

P & E # Client #	Serial Number	Filing Date	Inventor(s)	Title
10626-007-999	09/865,990	5/25/01	Gritz, Kolb, Pharr and Veach	System and Method of Line Sampling Object Scene Information
10626-009-888	60/373,068	4/15/02	Pharr	System and Method Related to Data Structures in the Context of a Computer Graphics System
10626-009-999	10/157,579	5/28/02	Pharr	System and Method Related to Data Structures in the Context of A Computer Graphics System
10626-018-999	10/164,692	6/6/02	Pharr and Veach	System and Method of Using Multiple Representations Per Object in Computer Graphics
10626-019-999	10/164,528	6/6/02	Gritz	System and Method of Adjusting Ray Origins When Shading Vertices with Rays
10626-020-999	n/a	6/20/02	Gritz	System and Method of Simulating Motion Blur Efficiently
10626-023-999	n/a	6/26/02	Pharr	System and Method of Improved Calculation of Diffusely Reflected Light

PENDING INTERNATIONAL PATENT APPLICATIONS

P & E # Client #	Serial Number	Filing Date	Inventor(s)	Title
10626-007-228	PCT/US02/16356	5/23/02	Gritz, Kolb, Pharr and Veach	System and Method of Line Sampling Object Scene Information
10626-009-228	PCT/US02/16798	5/28/02	Pharr	System and Method Related to Data Structures in the Context of a Computer Graphics System

CA1 - 311303.1

ASSIGNMENT

WHEREAS, EXLUNA, INC., ASSIGNOR, having its current primary business address at 1900 Addison Street, Suite 200, Berkeley, California 94704, is the assignee of record of all pending United States and international patent applications listed in Schedule A attached hereto and the inventions embodied therein,

and WHEREAS, NVIDIA CORPORATION, ASSIGNEE, having its current primary business address at 2701 San Tomas Expressway, Santa Clara, CA 95050, is desirous of obtaining the entire right, title and interest in, to and under said pending United States and international patent applications listed in Schedule A and the inventions embodied therein:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said inventions, and said pending United States patent applications and all divisions, renewals and continuations thereof, and all Patents which may be granted thereon and all reissues and extensions thereof; all applications for industrial property protection, including, without limitation, said pending international patent applications and all applications for patents, utility models, and designs which may hereafter be filed for said inventions in any jurisdiction or jurisdictions foreign to the United States and/or pursuant to the Patent Cooperation Treaty, together with the right to file such applications and the right to claim for the same the priority rights derived from said pending United States and international patent applications under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property or any other international agreement, or the laws of any jurisdiction in which such applications are filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any jurisdiction or jurisdictions foreign to the United States and all extensions, renewals and reissues thereof;

AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any jurisdiction or jurisdictions foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 19th day of July, 2002.

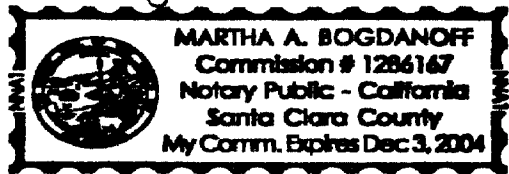
Stephen Pettigrew
Stephen Pettigrew
Title: Secretary, EXLUNA, INC.

State of California)
) SS.:
County of SANTA CLARA)

On JULY 19th, 2002, before me, MARTHA A. BOGDANOFF Notary Public, personally appeared Stephen Pettigrew, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Martha A. Bogdanoff
Notary Public



CA1 - 311296.2