

11-06-2001



101888435

ASSIGNMENT RECORDATION COVER SHEET  
-PATENTS ONLY-

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)  
a) John Erik Lindholm  
b) Simon Moy
2. Name and address of receiving party(ies):  
a) Name: nVidia Corporation  
Address: 3535 Monroe Street  
Santa Clara, California 95051
3. Nature of conveyance  
☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☒ Record to Correct Assignee's Name Previously Recorded at Reel 010451 and Frame 0456

Execution Date: December 1, 1999 and December 2, 1999

4. Application Number(s) or Patent Number(s): 09/454,525

The title of the (new) application is:

METHOD, APPARATUS AND ARTICLE OF MANUFACTURE FOR A VERTEX ATTRIBUTE  
BUFFER IN A GRAPHICS PROCESSOR

5. Please send all correspondence concerning this (these) documents to:

Kevin J. Zilka  
P.O. Box 721120  
San Jose, CA 95172-1120  
Tel. No.: (408) 971-2573  
Fax No.: (408) 971-4660

6. Total number of applications and patents involved: 1

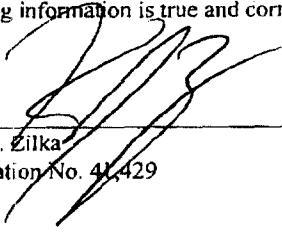
7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to Deposit Account No. 50-1351  
(Order No. \_\_\_\_\_)

8. 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.

Date:

11/6/01

  
Kevin J. Zilka  
Registration No. 41,429

40E

Attny Docket No. NVIDP009

(Revised 01/96)

PATENT  
REEL: 012135 FRAME: 0282

12-6-99

12-27-1999



ASSIGN.

101232205

SHEET

-PATENTS ONLY-

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)  
a) John Erik Lindholm  
b) Simon Moy

2. Name and address of receiving party(ies):  
a) Name: nVidia  
Address: 3535 Monroe Street  
Santa Clara, California 95051

3. Nature of conveyance  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_ ☐ License Agreement

Execution Date: December 1, 1999 and December 2, 1999

4. Application Number(s) or Patent Number(s): Not yet assigned

The title of the (new) application is:

09/454525

**METHOD, APPARATUS AND ARTICLE OF MANUFACTURE FOR A VERTEX ATTRIBUTE  
BUFFER IN A GRAPHICS PROCESSOR**

5. Please send all correspondence concerning this (these) documents to:

HICKMAN STEPHENS COLEMAN & HUGHES, LLP  
P.O. Box 52037  
Palo Alto, CA 94303-0746  
Tel. No.: (408) 558-9950  
Fax No.: (408) 558-9960

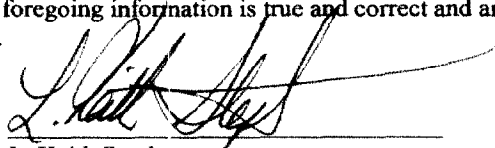
6. Total number of applications and patents involved: 1

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

- ☒ Enclosed  
☐ Authorized to be charged to Deposit Account No. 50-0384  
(Order No. \_\_\_\_\_)

8. 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.

Date: December 6, 1999

  
L. Keith Stephens  
Registration No. 32,632

30564 U.S. PTO  
09/454525  
12/06/99

12/01/1999 KWARLING 00000010 09454525

02 FC:531

40.00 DP

Corrected<sup>P. 3</sup>**ASSIGNMENT OF PATENT APPLICATION**

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

**METHOD, APPARATUS AND ARTICLE OF MANUFACTURE FOR A VERTEX ATTRIBUTE BUFFER IN A GRAPHICS PROCESSOR**

(Atty. Docket No.: NVIDP009/P000169) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to NVIDIA CORPORATION NVIDIA, a Delaware corporation having a place of business at 3535 Monroe Street, Santa Clara, California 95051, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature: John Erik Lindholm Date: Dec 1, 99  
Typed Name: John Erik Lindholm
- 2) Signature: Simon Moy Date: 12/2/99  
Typed Name: Simon Moy

Atty. Docket No. NVIDP009/P000169

# ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

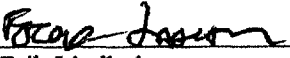
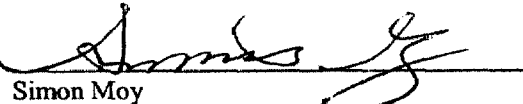
## METHOD, APPARATUS AND ARTICLE OF MANUFACTURE FOR A VERTEX ATTRIBUTE BUFFER IN A GRAPHICS PROCESSOR

(Atty. Docket No.: NVIDP009/P000169) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to nVIDIA, a Delaware corporation having a place of business at 3535 Monroe Street, Santa Clara, California 95051, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: Dec 1, 99  
Typed Name: John Erik Lindholm
- 2) Signature:  Date: 12/2/99  
Typed Name: Simon Moy