

8.28.01
12-15-00

ASSIGNMENT

08-31-2001



ET

101830604

To: Honorable Commissioner of Patents and Trademarks

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

1. Name of conveying party(ies)
 - a) Matthew N. Papakipos
 - b) David B. Kirk
 - c) Liang Peng
 - d) Harold Robert Feldman Zatz
2. Name and address of receiving party(ies):
 - a) Name: nVidia Corporation
 - Address: 3535 Monroe Street
Santa Clara, California 95051
3. Nature of conveyance

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other _____	<input type="checkbox"/>	License Agreement

Execution Date: October 10, 2000

4. Application Number(s) or Patent Number(s): 09/585,809

The title of the (new) application is:

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR PIXEL SHADERS FOR PROGRAMMABLE SHADING

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

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Enclosed |
| <input type="checkbox"/> | 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:

08/24/01

Kevin J. Zilka
Registration No. 41,429

08/30/2001 6TON11 00000224 09585809

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Attorney Docket No. NYIDP020/P000173

(Revised 01/96)

PATENT
REEL: 012116 FRAME: 0212

01-03-2001



101570719

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) Matthew N. Papakipos
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c) Liang Peng
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12-15-00

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a) Name: nVidia
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3. Nature of conveyance
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other ☐ License Agreement

Execution Date: October 10, 2000

4. Application Number(s) or Patent Number(s): 09/585,809

The title of the (new) application is:

**SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR PIXEL SHADERS FOR
PROGRAMMABLE SHADING**

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

CARLTON FIELDS
P.O. Box 721030
San Jose, CA 95172-1030
Tel. No.: (408) 271-2300

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: December 11, 2000

Kevin J. Zilka
Registration No. 41,429

Attorney Docket No. NVIDP020/P000173

(Revised 01/96)

PATENT

REEL: 012116 FRAME: 0213

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

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

System, Method and Article of Manufacture for Pixel Shaders for Programmable Shading

for which I/we have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on May 31, 2000, and which bears the Application No. 09/585,809.

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).

Full Name of First

Inventor:

Matthew N. Papakipos

Inventor's signature:



Date of Signature:

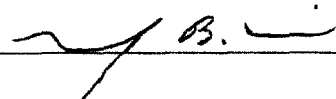
10/10/00

Full Name of Second

Inventor:

David B. Kirk

Inventor's signature:



Date of Signature:

10/10/00

Docket No. NVIDP020/P000173

PATENT

REEL: 012116 FRAME: 0214

Full Name of
Third Inventor:

Liang Peng

Inventor's signature:

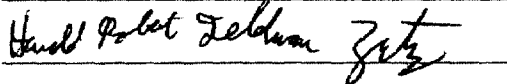


Date of Signature: 10/10/00

Full Name of
Fourth Inventor:

Harold Robert Feldman Zatz

Inventor's signature:



Date of Signature: 10/10/00

Docket No. NVIDP020/P000173

RECORDED: 08/28/2001

PATENT
REEL: 012116 FRAME: 0215