

10-25-2005

Form PTO-1595 (Rev. 03/05)  
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office103106629  
PATENT OFFICE

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**Russell R. Newcomb  
William B. Simms  
Barry A. WagnerAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) October 13, 2005 and October 14, 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Internal Address: \_\_\_\_\_

Street Address: 2701 San Tomas ExpresswayCity: Santa ClaraState: CACountry: USA Zip: 95050Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Berkeley Law & Technology Group, LLC

Internal Address: \_\_\_\_\_

Street Address: 1700 NW 167th Place, Suite 240City: BeavertonState: Oregon Zip: 97006Phone Number: 503.439.6500Fax Number: 503.439.6558

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_b. Deposit Account Number 50-3130Authorized User Name Howard A. Skaist**9. Signature:**

Signature

Date

10/24/2005 00000212 503130 11251405

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40.00 DA

Robert H. Chang, Reg. No. 48,765

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450PATENT  
REEL: 017110 FRAME: 0432

# ASSIGNMENT

Docket No.  
004.P022

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, we

RUSSELL R. NEWCOMB  
WILLIAM B. SIMMS  
BARRY A. WAGNER

sell and assign to NVIDIA Corporation, having a principal place of business at 2701 San Tomas Expressway, Santa Clara, California 95050, and its successors and assigns the entire right, title and interest in and to the improvements in:

## BINARY DATA ENCODING/DECODING

invented by me (us), as described in the application for United States patent

- ☒ executed concurrently herewith, or  
☐ U.S. Serial No.: filed

and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuation and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said nVidia Corporation, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I will communicate to said Company or its representatives or nominees any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

10/14/05  
Date

10/14/05  
Date

10/13/05  
Date

*Russell R. Newcomb*  
Russell R. Newcomb

*William B. Simms*  
William B. Simms

*Barry A. Wagner*  
Barry A. Wagner