

05-18-2001

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027



U.S. Department of Commerce  
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**PATENT**

101722123

5-14-01

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| Name (line 2) <input type="text" value="a Corporation of California"/> |   |   |
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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 on MAY 14, 2001.

By: Dolores McKay  
Dolores McKay

**Correspondent Name and Address**      **Area Code and Telephone Number**

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**Application Number(s) or Patent Number(s)**       Mark if additional numbers attached

*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).*

|   |                      |                      |                         |                      |                      |
|---|----------------------|----------------------|-------------------------|----------------------|----------------------|
| <b>Patent Application Number(s)</b>     |                      |                      | <b>Patent Number(s)</b> |                      |                      |
| <input type="text" value="09/271,637"/> | <input type="text"/> | <input type="text"/> | <input type="text"/>    | <input type="text"/> | <input type="text"/> |
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If this document is being filed together with a **new** Patent Application, enter the date the patent application was signed by the first named executing inventor.      

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**Patent Cooperation Treaty (PCT)**  
Enter PCT application number only if a U.S. Application Number has not been assigned.

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**Number of Properties**      Enter the total number of properties involved.      #

**Fee Amount**      Fee Amount for Properties Listed (37 CFR 3.41):      \$

**Method of Payment:**      Enclosed       Deposit Account


Deposit Account  
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Deposit Account Number:      #

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**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. Charges to deposit account are authorized, as indicated herein.*

P. François de Villiers, Reg.No.P48,200            5/11/01  
Name of Person Signing      Signature      Date

ASSIGNMENT OF PATENT APPLICATION(S)

3dfx Interactive, Inc. a California corporation ("ASSIGNOR") has been assigned or otherwise has an ownership interest in certain new and useful improvements as set forth in the patent application entitled:

| Title   | Serial No. | Filing Date |
|---|------------|-------------|
| Method For Determining Tiles In A Computer Display That Are Covered By A Graphics Primitive | 09/271,637 | 3/17/99     |

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby:

- 1) Sells, assigns and transfers to NVIDIA U.S. Investment Company, a Delaware corporation (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 therein.
- 2) Authorizes and requests the Commissioner of Patents to issue any and all Letters Patents resulting from said application(s) or any division(s), continuation(s), substitute(s), continuation(s)-in-part, re-examination(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agrees 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(s), as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agrees that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative(s), and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrants and represents that ASSIGNOR has 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).

3dfx Interactive, Inc.

By: [Signature]  
 Typed Name:

Date: APR 18 2001

On this 18<sup>th</sup> day of April, in the year 2001, before me, Melanie Cass, personally appeared Richard A. Hedalus, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Melanie Cass  
 (SEAL)

