FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)



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REEL: 012877 FRAME: 0977

1 Name of conveying party(ice)-	
1. Name of conveying party(ies): JAMES M. VAN DYKE 5 · 7 · 0 J Additional name(s) of conveying party(ies) attached?Yes _X No 3. Nature of conveyance: Yes _X No 3. Nature of conveyance: Merger Security Agreement Change of Name Other	2. Name and address of receiving party(ies): Name:NVIDIA CORPORATION Street Address:Internal Address: City:Santa ClaraState:CAZip:_95050 Additional name(s) & address(es) attached?YesXNo CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Box Assignment, Director U.S. Patent and Tradema Office, Washington, DC 20231, on April 29, 2002. GIRARD & EQUITZ LLP Date: 04/29/02
Additional numbers attached? Yes X No	By: Marsha A. Jownsend Marsha A. Townsend
 5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Alfred A. Equitz</u> Internal Address: <u>GIRARD & EQUITZ LLP</u> Street Address: <u>400 Montgomery Street #1110</u> City: <u>San Francisco</u> State: <u>CA</u>Zip:<u>94104</u> Telephone: <u>(415) 433-2250</u> Facsimile: (415) 433-2255 Attorney Docket No. NVID-1800 [P000210] 	 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 C.F.R. 3.41) <u>X</u> Check Enclosed Authorized to be charged to deposit account 8. Deposit account number: <u>50-1697</u>
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9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true</i> <u>Alfred A. Equitz Reg. No. 30,922</u> Name of Person Signing To	and correct and any attached copy is a true copy of the original document 429/02 phature Date tal number of pages including cover sheet, attachments and document
Mail documents to be recorded with re /2002 DBYRNE 00000214 10074066 Box Assignment, Director – U. Washington 1:581 40.00 DP	equired cover sheet information to: S. Patent and Trademark Office I, D.C. 20231

Atlornoy Docket No. NVID-1800 [P000210]

ASSIGNMENT

WHEREAS, I, JAMES M. VAN DYKF, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

METHOD AND SYSTEM FOR MEMORY ACCESS ARBITRATION FOR MINIMIZING Title of invention: **READ/WRITE TURNAROUND PENALTIES**

Filing Date: February 12, 2002

Application No.: 10/074,066

WHEREAS, NVIDIA CORPORATION, a corporation of the State of Delaware, 2701 San Tomas Expressway, Santa Clara, CA 95050 hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the sald invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by Assigner, Assigner has sold, assigned and transferred, and by these presents do soll, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Lotters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be hold and enjoyed by said Assignce as fully and exclusively as it would have been held and enjoyed by said Assignor had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignor further agrees that he will, without charge to said Assignee, but at Assignee's expense, cooperate with Assigned in the prosecution of seld application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfor thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and Improvement in any and all countries, and to vest tille thereto in said Assignae, or Assigneo's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the data indicated below.

-1-

Date 4-26-02

JAMES M. VAN DYKE

PATENT REEL: 012877 FRAME: 0978

RECORDED: 05/07/2002