03-01-2002

FORM PTO-1595

U.S. Department of Commerce Patent And Trademark Office

(Rev. 6-93) 101997900 OMB No. 0651-0011 (exp. 4/94) To the Director - U.S. of Patent and Trademark Office: Please record the attached original document or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): JONAH ALBEN **DENNIS KD MA** 2.11.02 NVIDIA CORPORATION **BRIAN KELLEHER** Street Address: 2701 San Tomas Expressway Additional name(s) of conveying party(ies) attached? __ Yes _X No Internal Address: 3. Nature of conveyance: City: Santa Clara State: CA Zip: 95050 X Assignment __ Merger __ Security Agreement Change of Name Additional name(s) & address(es) attached? ____ Yes _X_ No Other Execution Date: ____January 17, 2002 and January 2, 2002 CERTIFICATE OF MAILING 4. Application number(s) or registration number(s): I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope A. Patent Application No.(s) 09/972,414 addressed to Box Assignment, Director - U.S. Patent and Trademark Office, Washington, DC 20231, on January 22, 2002. B. Patent No.(s) GIRARD & EQUITZ LLP Additional numbers attached? __ Yes X No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: ___1_ document should be mailed: 7. Total fee (37 C.F.R. 3.41)------\$ 40.00 Name:_ Alfred A. Equitz X Check Enclosed Internal Address: GIRARD & EQUITZ LLP _ Authorized to be charged to deposit account Street Address: 400 Montgomery Street #1110 8. Deposit account number: 50-1697 City: San Francisco State: CA Zip: 94104 F 4 11 000 Telephone: (415) 433-2250 Facsimile: (415) 433-2255 Attorney Docket No. NVID-1700 [P000367] DO NOT USE THIS SPACE 9. 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. Alfred A. Equitz Reg. No. 30,922 Name of Person Signing

02/28/2002 DBYRHE 00000075 09972414

Total number of pages including cover sheet, attachments and document: 4

40.00 DP Mail documents to be recorded with required cover sheet information to: Box Assignment, Director - U.S. Patent and Trademark Office Washington, D.C. 20231

Date:_

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4084862676

6 P.02

Attorney Docket No. NVID-1700 [P000367]

ASSIGNMENT

WHEREAS, WE. JONAH ALBEN, DENNIS KO MA, BRIAN KELLEHER, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

| Letters Patent: | | | | |
|--|--|--|--|---|
| | METHOD AND APPA IND SUBSYSTEMS | | WER MANAGEM | ENT OF GRAPHICS PROCESSORS |
| Filing Date:Octobe | er 5, 2001 | Application No.: | 09/972,414 | |
| Clara, CA 95050 here | | ASSIGNEE", is desir | ous of acquiring the | , <u>2701 San Tomas Expressway</u> . <u>Santa</u> entire right, title and interest in the said me; |
| valuable consideration and by these presents title and interest in and may hereafter be gran renewals, continuation interest to be held and | n, receipt of which is he s do sell, assign and tra d to sell, assign and tra d to the said invention, nted on the same in the ns in whole or in part, s d enjoyed by said Assig | ereby acknowledged ansfer unto the said said application for United States and a substitutions, conven- gnee as fully and exc | by Assignors, Assig Assignee, and Assig United States Lette all countries through sions, reissues, prol tlusively as it would | for One Dollar (\$1.00) and other good and gnors have sold, assigned and transferred, gnee's successors and assigns, all right, is Patent, and any Letters Patent which nout the world including any divisions, longations or extensions thereof, said have been held and enjoyed by said of any such Letters Patent. |
| Assignee in the prose papers, including appl thereof, and will perfor | cution of said applications for Letters Patern such other acts as a | on and/or application tent and for the reiss Assignee lawfully ma | ns, execute, verify, a ue thereof, and inst ny request, to obtain | Assignee's expense, cooperate with acknowledge and deliver all such further truments of assignment and transfer to maintain Letters Patent for said Assignee, or Assignee's successors and |
| | Y WHEREOF, Assigno | or has hereunto signo | ed his/her name to t | his assignment on the date indicated |
| Date: 1/17/0 | 9 2 | | 01 | COLL |
| Date | | | JONAH ALBI | EN |
| IN TESTIMON' below. Date: | Y WHEREOF, Assigno | ır haş hereunto signa | ed his/her name to t | his assignment on the date indicated |
| | | | DENNIS KD | MA |
| IN TESTIMONY WHE | REOF, Assigner has h | ereunto signed his/h | er name to this ass | ignment on the date indicated below. |

-1-

BRIAN KELLEHER

Filing Date: October 5, 2001

NUIDIA

Received:

JAN-18-2002 11:15

4084862676

P.10

Attorney Docket No. NVID-1700 [P000367]

ASSIGNMENT

WHEREAS, WE, JONAH ALBEN, DENNIS KD MA, BRIAN KELLEHER, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent;

| Title of Invention: | METHOD AND APPARATUS FOR POWER MANAGEMENT OF GRAPHICS PROCESSORS |
|---------------------|--|
| | AND SUBSYSTEMS THEREOF |
| | |

WHEREAS, NVIDIA CORPORATION, a corporation of the State of California, 2701 San Tomas Expressively, Santa Clara, CA 95050 hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said 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 Doller (\$1.00) and other good and

____Application No.: ____09/972,414_

valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, 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 Letters 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 held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said 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 transfer 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 title thereto in said Assignee, or Assignee's successors and assigns.

| | JONAH ALBEN |
|---|---|
| IN TESTIMONY WHEREOF, Assignor to the state of the state | hes hereunto signed his/her name to this assignment on the date indicated |
| | DENNIS KO MA |

NUIDIA

1/2/02

RECORDED: 02/11/2002

4084862676 P.07

Attorney Docket No. NVID-1700 [P000367].

WHEREAS, WE, JONAH ALBEN, DENNIS KD MA, BRIAN KELLEHER, hereinafter referred to as "ASSIGNORS", have

| ritle of Invention: METHOD AND APPARATUS FOR POWER MANAGEMENT OF GRAPHICS PROCESSORS AND SUBSYSTEMS THEREOF | | | | | |
|---|--|--|--|--|--|
| Filing Date: | October 5, 2001 | Application No.: _ | 09/972,414 | | |
| Clara, CA 9 | 6050 hereinafter referre | | sirous of acquiring the | a. 2701 San To <u>mas Expressway</u> , Santa e entire right, title and interest in the said me; | |
| raiuable con and by thes itle and inte nay hereaft | nsideration, receipt of w e presents do sell, assi prest in and to the said i ter be granted on the sa | thich is hereby acknowledge gn and transfer unto the sai invention, said application fo ma in the United States and | ed by Assignors, Assigned, and Assigned, and Assigned, and Assign or United States Letter dall countries through | for One Doller (\$1,00) and other good a gnors have sold, assigned and transfer gnee's successors and assigns, all right re Patent, and any Letters Patent which nout the world including any divisions, longations or extensions thereof, said | |
| nterest to b | e held and enjoyed by : | said Assignee as fully and e | • | have been held and enjoyed by said of any such Letters Patent. | |
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| nterest to b Assignors h Assignee in aspers, incl thereof, and avention an assigns. IN Ta below. Date: | te held and enjoyed by and this assignment and gnors further agree that the prosecution of sald uding applications for Lat will perform such other ad improvement in any a | said Assignee as fully and et transfer not been made, to they will, without charge to application and/or application etters Patent and for the re- rects as Assignee lawfully eand all countries, and to ves Assigner has hereunto sign. | the full end and term said Assignee, but all ions, execute, verify, s issue thereof, and insi may request, to obtain at title thereto in said A gned his/her name to | of any such Letters Patent. Assignee's expense, cooperate with acknowledge and deliver all such further truments of assignment and transfer or maintain Letters Patent for said Assignee, or Assignee's successors and this assignment on the date indicated | |

PATENT REEL: 12612 FRAME: 0582