

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Vyas Venkataraman</td> <td>12/19/2012</td> </tr> <tr> <td>Manjunath Kudlur</td> <td>12/19/2012</td> </tr> <tr> <td>Vinod Grover</td> <td>12/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vyas Venkataraman	12/19/2012	Manjunath Kudlur	12/19/2012	Vinod Grover	12/21/2012
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Vyas Venkataraman	12/19/2012								
Manjunath Kudlur	12/19/2012								
Vinod Grover	12/21/2012								
RECEIVING PARTY DATA									
Name:	NVIDIA Corporation								
Street Address:	2701 San Tomas Expresssway								
City:	Santa Clara								
State/Country:	CALIFORNIA								
Postal Code:	95050								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13728968</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13728968				
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Application Number:	13728968								
CORRESPONDENCE DATA									
Fax Number:	4089389069								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	408-938-9060								
Email:	officeaction@mhbpatents.com								
Correspondent Name:	NVIDIA C/O MURABITO, HAO & BARNES LLP								
Address Line 1:	TWO NORTH MARKET STREET								
Address Line 2:	THIRD FLOOR								
Address Line 4:	SAN JOSE, CALIFORNIA 95113								
ATTORNEY DOCKET NUMBER:	NVID-P-SC-12-0189-US1								
NAME OF SUBMITTER:	Anthony C. Murabito								
Total Attachments: 3 source=NVID-P-SC-12-0189-US1_Assignments_Signed#page1.tif source=NVID-P-SC-12-0189-US1_Assignments_Signed#page2.tif source=NVID-P-SC-12-0189-US1_Assignments_Signed#page3.tif									

OP \$40.00 13728968

Assignment to NVIDIA Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Vyas Venkataraman, Manjunath Kudlur, Vinod Grover

do hereby sell, assign, and transfer unto NVIDIA Corporation (hereinafter called NVIDIA), a Delaware Corporation having its principal place of business at 2701 San Tomas Expressway, Santa Clara, CA 95050, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

METHOD AND SYSTEM FOR HETEROGENEOUS FILTERING FRAMEWORK FOR SHARED MEMORY DATA ACCESS HAZARD REPORTS

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

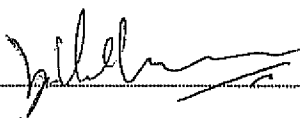
Serial No.: _____ filed on _____ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of NVIDIA, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to NVIDIA, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by NVIDIA.

I/we further covenant with NVIDIA, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:
Vyas Venkataraman



Date: 12/19/2012

Inventor's Signature:
Manjunath Kudlur

Date: _____

Inventor's Signature:
Vinod Grover

Date: _____

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Inventor's Signature: _____ Date: _____
Vyas Venkataraman

Inventor's Signature: _____ Date: 12/19/2012
Manjunath Kudlur

Inventor's Signature: _____ Date: _____
Vinod Grover

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Vyas Venkataraman

Inventor's Signature: _____ Date: _____
Manjunath Kudlur

Inventor's Signature: Vinod Grover Date: 12/21/2012
Vinod Grover