505832194 12/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5879127

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHON EVANS	12/20/2019
LACKY SHAH	12/20/2019
PHIL JOHNSON	12/20/2019
JONAH ALBEN	12/20/2019
BRIAN PHARRIS	12/20/2019
GREG PALMER	12/20/2019
BRIAN FAHS	12/20/2019

RECEIVING PARTY DATA

Name:	NVIDIA CORPORATION
Street Address:	2788 SAN TOMAS EXPRESSWAY
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95051

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16722422

CORRESPONDENCE DATA

Fax Number: (415)374-2399

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2026375600

Email: teri.nelmark@hoganlovells.com HOGAN LOVELLS US LLP - NVIDIA **Correspondent Name:**

3 EMBARCADERO CENTER Address Line 1:

Address Line 2: **SUITE 1500**

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	1R2674.006501
NAME OF SUBMITTER:	JOSEPH MORRIS
SIGNATURE:	/Joseph Morris/
DATE SIGNED:	12/20/2019

Total Attachments: 16 source=Assignment_19SC0046US01_1R2674_006501#page1.tif source=Assignment 19SC0046US01 1R2674 006501#page2.tif source=Assignment_19SC0046US01_1R2674_006501#page3.tif source=Assignment_19SC0046US01_1R2674_006501#page4.tif source=Assignment_19SC0046US01_1R2674_006501#page5.tif source=Assignment 19SC0046US01 1R2674 006501#page6.tif source=Assignment_19SC0046US01_1R2674_006501#page7.tif source=Assignment_19SC0046US01_1R2674_006501#page8.tif source=Assignment 19SC0046US01 1R2674 006501#page9.tif source=Assignment 19SC0046US01 1R2674 006501#page10.tif source=Assignment_19SC0046US01_1R2674_006501#page11.tif source=Assignment 19SC0046US01 1R2674 006501#page12.tif source=Assignment 19SC0046US01 1R2674 006501#page13.tif source=Assignment_19SC0046US01_1R2674_006501#page14.tif source=Assignment_19SC0046US01_1R2674_006501#page15.tif source=Assignment_19SC0046US01_1R2674_006501#page16.tif

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Jonathon Evans 2788 San Tomas Expressway Santa Clara, CA 95051

Lacky Shah 2788 San Tomas Expressway Santa Clara, CA 95051

Phil Johnson 2788 San Tomas Expressway Santa Clara, CA 95051

Jonah Alben 2788 San Tomas Expressway Santa Clara, CA 95051

Brian Pharris 2788 San Tomas Expressway Santa Clara, CA 95051

Greg Palmer 2788 San Tomas Expressway Santa Clara, CA 95051

Brian Fahs 2788 San Tomas Expressway Santa Clara, CA 95051

Assignee:

Nvidia Corporation 2788 San Tomas Expressway Santa Clara, CA 95051

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "USER-

DEFINED METERED PRIORITY QUEUES" for which:

🛛 a non-provisional application for United States Letters Patent:

will be filed with the application; or

Page 1 of 3

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR(S) hereby
authorize and request ASSIGNEE'S legal representatives, Hogan Lovells US LLP, Three
Embarcadero Center, 15th Floor, San Francisco, CA 94111, associated with Customer
No. 158819, to insert here in parenthesis (U.S. Serial No, filed
and in the above header this APPLICATION's U.S. Serial Number
and filing date, when known.

WHEREAS, Nvidia Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE and its successors and assigns, the entire right, title and interest in and to said invention and improvements thereon, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, any provisional applications or other domestic or foreign applications or documents setting forth the invention and to which this application claims priority, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

Page 2 of 3

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

12/15/19	Jonathon EVANS
Date	JONATHON EVANS
Date	LACKY SHAH
Date	PHIL JOHNSON
Date	JONAH ALBEN
Date	BRIAN PHARRIS
Date	GREG PALMER
Date	BRIAN FAHS

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U.S. Patent Appln. No.:

Attorney Docket No.: 1R2674.006501

Filing Date:

Client Reference No. 19-SC-0046US01

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Page 1 of 3

V	will be filed wit	hout this exec	cuted PATEN	T ASSIGNME	ENT.	ASSIGN	OR(S) hereby
aı	uthorize and req	uest ASSIGN	EE'S legal rep	resentatives, F	logan	Lovells U	S LLP, Three
E	mbarcadero Ce	nter, 15 th Floo	or, San Franci	sco, CA 9411	11, as	sociated w	vith Customer
N	lo. 158819, to	insert here in	parenthesis (U.S. Serial N	lo		, filed
) and in the	above header	this APPLICA	ATIO	N's U.S. S	Serial Number

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BRIAN FAHS

Date

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PARTIES TO THE ASSIGNMENT

Assignor(s):

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Brian Fahs 2788 San Tomas Expressway Santa Clara, CA 95051

Assignee:

Nvidia Corporation

2788 San Tomas Expressway Santa Clara, CA 95051

AGREEMENT

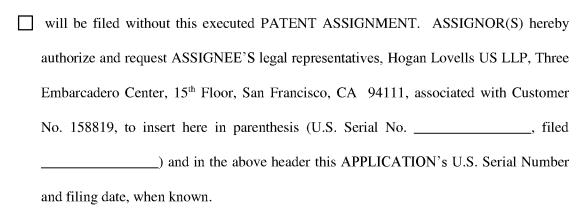
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Date	JONATHAN EVANS
December 19 2019 Date	LACKY SHAH
Date	PHIL JOHNSON
Dec 19, 2019 Date	JONAHALBEN
Date	BRIAN PHARRIS
Date	GREG PALMER
Date	BRIAN FAHS

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Date	JONATHAN EVANS		
<u>December 19 2619</u> Date	LACKY SHAH		
<u>December 19 2019</u> Date	PHIL JOHNSON		
Dec 19 2019 Date	JONAH ALBEN		
Date	BRIAN PHARRIS		
Date	GREG PALMER		
Date	BRIAN FAHS		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	USER-DEFINED METERED PRIORITY QUEUES		
As the below	w named inventor, I hereby declare that:		
This declara			
	United States application or PCT international application number		
	filed on		
The above-i	identified application was made or authorized to be made by me.		
I believe tha	at I am the original inventor or an original joint inventor of a claimed invention in the application.		
I hereby ack by fine or im	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 aprisonment of not more than five (5) years, or both.		
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.			
Inventor:	AME OF INVENTOR Phil Johnson Date (Optional): 12/19/199		
Signature: Note: An appl been previous	lication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have sly filed. Use an additional PTO/AIA/01 form for each additional inventor.		

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT REEL: 051343 FRAME: 0464

RECORDED: 12/20/2019