

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5840797

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAJBALLAV DASH	11/11/2019
JACK H. CHOQUETTE	11/08/2019
MING LIANG MILTON LEI	11/13/2019
STEPHEN JONES	11/13/2019
CHRISTOPHER FREDERICK LAMB	11/07/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NVIDIA CORPORATION
<b>Street Address:</b>	2788 SAN TOMAS EXPRESSWAY
<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95051
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16677503
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)616-5700
<i>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.</i>	
<b>Phone:</b>	312-616-5600
<b>Email:</b>	assignments@leydig.com
<b>Correspondent Name:</b>	LEYDIG, VOIT & MAYER (WALNUT CREEK)
<b>Address Line 1:</b>	180 N. STETSON
<b>Address Line 2:</b>	TWO PRUDENTIAL PLAZA, SUITE 4900
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60601
<b>ATTORNEY DOCKET NUMBER:</b>	512944/19-SC-0291-US01
<b>NAME OF SUBMITTER:</b>	STEPHANIE L. WINNER
<b>SIGNATURE:</b>	/Stephanie L. Winner/
<b>DATE SIGNED:</b>	11/26/2019
<b>Total Attachments: 15</b>	

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WHEREAS, I, an undersigned individual, have invented certain invention(s) described in an application for Letters Patent (the “Application”) in:

☒ the United States ☐ another jurisdiction \_\_\_\_\_;

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with docket number and title: 512944/19-SC-0291-US01; PERSISTENT SCRATCHPAD MEMORY FOR DATA EXCHANGE BETWEEN PROGRAMS.

WHEREAS, NVIDIA Corporation, a corporation of the State of Delaware, having a place of business at 2788 San Tomas Expressway, Santa Clara, CA 95051; U.S.A. (“NVIDIA”), desires to acquire the entire right, title, and interest in and to the invention(s) disclosed in the Application and all embodiments of such invention(s) previously conceived, made, or discovered by me during my employment with or within the scope of my work in any capacity for NVIDIA (collectively, the “Inventions”), and in and to the Application and any and all other applications for utility patents, utility models, inventor's certificates, and other forms of invention protection or rights for the Inventions in any and all countries and groups of countries (collectively, the “Applications”), and in and to any and all patents, inventors certificates, and other forms of invention protection or rights arising therefrom (the “Patents”).

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by me to have been received in full from NVIDIA:

1. I hereby sell, assign, transfer and convey to NVIDIA the entire right, title and interest (a) in and to the Inventions and the Application; (b) in and to all rights to apply for patents and all other forms of invention protection or rights on the Inventions in any and all countries pursuant to the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on the Inventions in any and all countries and groups of countries, including each and every application filed and each and every patent granted on any application which is a conventional, division, substitution, continuation, or continuation-in-part of any of the Applications; and (d) in and to each and every reissue or extension of any of the Patents.

2. I hereby covenant and agree to cooperate with NVIDIA to enable NVIDIA to enjoy to the fullest extent the right, title and interest to the Inventions herein conveyed in any and all countries and groups of countries. My cooperation shall include prompt production of pertinent facts and documents, giving testimony, executing petitions, oaths, specifications, declarations or other papers, and providing other assistance to the extent deemed necessary or desirable by NVIDIA (a) for perfecting in NVIDIA the right, title and interest herein conveyed; (b) for prosecuting the Applications; (c) for filing and prosecuting substitute, conventional, divisional, continuation, continuation-in-part, or additional applications covering the Inventions; (d) for filing and prosecuting applications for reexamination or reissuance of any of the Patents; (e) in assisting NVIDIA in any pre-grant or post-grant proceeding involving any of the Inventions, Applications, or Patents; and (f) in assisting NVIDIA in any court or administrative proceeding involving any of the Inventions, Applications, or Patents, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, and infringement actions; provided, however, that reasonable expenses incurred by me in providing such cooperation shall be paid for by NVIDIA.

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IN WITNESS WHEREOF, I have executed and delivered this instrument to NVIDIA on the date indicated below.

(Printed legal name of inventor) Rajballav Dash

(Inventor's signature) Rajballav Dash (Date) 11/11/2019

(Inventor's mailing address) 2788 San Tomas Expressway, Santa Clara, CA 95051

(Printed legal name of inventor) Jack H. Choquette

(Inventor's signature) \_\_\_\_\_ (Date) \_\_\_\_\_

(Inventor's mailing address) 2788 San Tomas Expressway, Santa Clara, CA 95051

(Printed legal name of inventor) Ming Liang Milton

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(Printed legal name of inventor) Stephen Jones

(Inventor's signature) \_\_\_\_\_ (Date) \_\_\_\_\_

(Inventor's mailing address) 2788 San Tomas Expressway, Santa Clara, CA 95051

(Printed legal name of inventor) Christopher Frederick Lamb

(Inventor's signature) \_\_\_\_\_ (Date) \_\_\_\_\_

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(Inventor's signature) \_\_\_\_\_ (Date) \_\_\_\_\_

(Inventor's mailing address) 2788 San Tomas Expressway, Santa Clara, CA 95051

(Printed legal name of inventor) Jack H. Choquette

(Inventor's signature) Jack Choquette (Date) Nov 8, 2019

(Inventor's mailing address) 2788 San Tomas Expressway, Santa Clara, CA 95051

(Printed legal name of inventor) Ming Liang Milton

(Inventor's signature) \_\_\_\_\_ (Date) \_\_\_\_\_

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(Printed legal name of inventor) Stephen Jones

(Inventor's signature) \_\_\_\_\_ (Date) \_\_\_\_\_

(Inventor's mailing address) 2788 San Tomas Expressway, Santa Clara, CA 95051

(Printed legal name of inventor) Christopher Frederick Lamb

(Inventor's signature) \_\_\_\_\_ (Date) \_\_\_\_\_

(Inventor's mailing address) 2788 San Tomas Expressway, Santa Clara, CA 95051



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(Printed legal name of inventor) Ming Liang Milton Lei

(Inventor's signature)  (Date) Nov 13, 2019

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(Printed legal name of inventor) Stephen Jones

(Inventor's signature) Stephen Jones (Date) 13<sup>th</sup> November 2019

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(Inventor's signature) \_\_\_\_\_ (Date) \_\_\_\_\_

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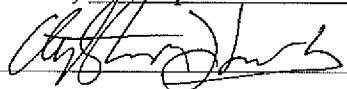
(Printed legal name of inventor) Stephen Jones

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