PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6524406

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROUSLAN L. DIMITROV	01/02/2018
DALE L. KIRKLAND	01/02/2018
EMMETT M. KILGARIFF	01/02/2018
SACHIN SATISH IDGUNJI	01/03/2018
SIDDHARTH SHARMA	01/04/2018

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:	17162550

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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:	312-616-5600
Email:	assignments@leydig.com
Correspondent Name:	LEYDIG, VOIT & MAYER (WALNUT CREEK)
Address Line 1:	180 N STETSON
Address Line 2:	TWO PRUDENTIAL PLAZA, SUITE 4900
Address Line 4:	CHICAGO, ILLINOIS 60601

ATTORNEY DOCKET NUMBER:	513367/16-SC-0216-US02
NAME OF SUBMITTER:	STEPHANIE L. WINNER
SIGNATURE:	/Stephanie L. Winner/
DATE SIGNED:	01/29/2021

Total Attachments: 5

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COMBINED DECLARATION (37 C.F.R. 1.63) AND ASSIGNMENT FOR UTILITY APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention: **REAL-TIME HARDWARE-ASSISTED GPU TUNING USING MACHINE LEARNING**

As a below named and undersigned inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

[ ]   United States application or PCT international application number _____ , filed on _____ .

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

Whereas, I the undersigned inventor have invented certain new and useful improvements as set forth in the above-identified patent application and further identified by the Attorney Docket Number provided above in the header of this document.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned inventor hereby:
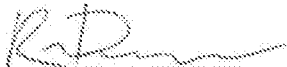
1)   Sell, assign and transfer to **NVIDIA Corporation**, a Delaware Corporation having a place of business at 2701 San Tomas Expressway, Santa Clara, California 95050, (hereinafter referred to as "ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.

2)   Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signed on the date indicated beside my signature.

Legal Name of Inventor: Rouslan L. Dimitrov _____

Signature: _____   Date: 1 / 2 / 2018

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Signed on the date indicated beside my signature.

Legal Name of Inventor: Dale L. Kirkland _____

Signature: _____   Date: _1/2/2018_____

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Signed on the date indicated beside my signature.

Legal Name of Inventor: Emmett M. Kilgariff _____

Signature: _____   Date: 1/2/18 _____

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Legal Name of Inventor: Sachin Satish Idgunji _____

Signature: _____   Date: 03 JAN 2018 _____

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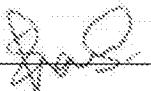
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Signed on the date indicated beside my signature.

Legal Name of Inventor: Siddharth Sharma

Signature: _____   Date: 01 / 04 / 2018

**PATENT
REEL: 055082 FRAME: 0675**