505197668 11/19/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 **EPAS ID: PAT5244437** Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARIHARAN SANDANAGOBALANE	11/16/2018
SEAN YOUNGSUNG LEE	11/16/2018
VINOD GROVER	11/16/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	16154560			

CORRESPONDENCE DATA

Fax Number: (408)938-9069

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: 408-938-9060

Email: officeaction@mhbpatents.com

NVIDIA C/O MURABITO, HAO & BARNES LLP **Correspondent Name:**

Address Line 1: TWO NORTH MARKET STREET

Address Line 2: THIRD FLOOR

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER: NVID-P-BL-17-0112-US1 **NAME OF SUBMITTER:** ANTHONY C. MURABITO SIGNATURE: /Anthony C. Murabito/ **DATE SIGNED:** 11/19/2018

Total Attachments: 2

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PATENT REEL: 047546 FRAME: 0337 505197668

		P-BL-17-0112-US1

Assignment to NVIDIA Corporation

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

Hariharan Sandanagobalane, Sean Youngsung Lee, Vinod Grover do hereby sell, assign, and transfer unto NViDIA Corporation (hereinafter called NViDIA), a Delaware Corporatio having its principal place of business at 2788 San Tomas Expressway, Santa Clara, CA 95051, and it successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and t any and all improvements, including the right of priority in, to, and under, the application for the United State patent entitled:
DEVICE PROFILING IN GPU ACCELERATORS BY USING HOST-DEVICE
flied 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
X Serial No.: 16/154,560 filed on 10-08-2018 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, it 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; the undersigned;
In witness whereof, I/we hereunto set my/our hand(s) and seal:
Inventor's Signature: Date:
Inventor's Signature: 0/6,600 Date: 11 / 16 / 2018 Sean Youngsung Lee
nventor's Signature: Date:
Vinod Grover

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Attorney Docket No.: NVID-P-BL-17-0112-US1

Assignment to NVIDIA Corporation

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

Hariharan Sandanagobalane, Sean Youngsung Lee, Vinod Grover

do hereby sell, assign, and transfer unto NVIDIA Corporation (hereinafter called NVIDIA), a Delaware Corporation having its principal place of business at 2788 San Tomas Expressway, Santa Clara, CA 95051, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to

an) pat	/ and all impent ent entitled:	provements, inclu	ding the right of	priority in, to, and under,	the application for the United States
DE	VICE PROFI	LING IN GPU A	CELERATORS	BY USING HOST-DEVIC	
	filed herew United Sta	ith and the inventites and of countr	ions set forth and ies foreign theret	l described therein, and ar o which may be granted th	ny and all Letters Patent of the rereon or therefor, or
Χ	Serial No.: and descril which may	16/154,560 bed therein, and be granted there	filed on any and all Lette on or therefor;	10-08-2018 rs Patent of the United St	and the inventions set forth ates and of countries foreign thereto
exe orig NVI the inte pro	cute and de linal, continua DIA, its succ United Stat rference prod	aliver without fur ation, divisional o cessors and assi tes and in any ceedings involvin	ther compensation received or othe gos, the invention country foreign g said inventions	on any power of attorner r papers which may be ne its described in said application thereto, and to cooperate and in the adjudication or	IVIDIA, its successors or assigns, to by, assignment, application, whether ideasary or desirable fully to secure to cation and all patent rights therein, in the and assist in the prosecution of reexamination of said Letters Patent operation and assistance are paid by
					sentatives that no assignment, grant, in 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:	Book			Date:	11/16/2018
Hariharan Sandanagobal	ane		***************************************		. The state of the
				Date:	
Inventor's Signature:					
Sean Youngsung Lee	and beautiful and of any and about the addition	samovasaniosanjo samo	ه الفريسة ويسوم والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة والم	÷	**************************************
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Vinod Grover				,	The state of the s

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