

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7452000

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the CONVEYING PARTY DATA previously recorded on Reel 052878 Frame 0370. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PARTHASARATHY SRIRAM	03/28/2019
RATNESH KUMAR	03/28/2019
FARZIN AGHDASI	04/05/2019
ARMAN TOORIANS	04/04/2019
MILIND NAPHADE	03/28/2019
SUJIT BISWAS	03/28/2019
VINAY KOLAR	03/28/2019
BHANU PISUPATI	04/05/2019
AARON BARTHOLOMEW	03/28/2019
<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>	16896431
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(770)434-7376
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	83437-1139
<b>NAME OF SUBMITTER:</b>	JEFFREY R. SCHNAYER
<b>SIGNATURE:</b>	/JEFFREY R. SCHNAYER/
<b>DATE SIGNED:</b>	07/26/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 6</b> source=Assignment Cover Sheet (02374048xBE13C)#page1.tif source=Assignment Cover Sheet (02374048xBE13C)#page2.tif source=Assignment Cover Sheet (02374048xBE13C)#page3.tif source=Assignment Cover Sheet (02374048xBE13C)#page4.tif source=Assignment Cover Sheet (02374048xBE13C)#page5.tif source=Assignment Cover Sheet (02374048xBE13C)#page6.tif	

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6144197

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PARTHASARATHY SRIRAM	03/28/2019
RATNESH KUMAR	03/28/2019
FARZIN AGHDASI	04/05/2019
ARMAN TOORIANS	04/04/2019
MILIND NAPHADE	03/28/2019
SUJIT BISWAS	03/28/2019
VINAY KOLAR	03/28/2019
BHANU PISUPATI	04/05/2019
<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>
Application Number:	16896431
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)344-3113
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	18-SC-0085US03/337821
<b>NAME OF SUBMITTER:</b>	BROOKE READ
<b>SIGNATURE:</b>	/Brooke Read/

<b>DATE SIGNED:</b>	06/09/2020
<b>Total Attachments: 4</b> source=337821_Assignment#page1.tif source=337821_Assignment#page2.tif source=337821_Assignment#page3.tif source=337821_Assignment#page4.tif	

## **ASSIGNMENT**

WHEREAS, we, Parthasarathy Sriram, Farzin Aghdasi, Arman Toorians, Milind Naphade, Sujit Biswas, Vinay Kolar, Bhanu Pisupati, Aaron Bartholomew, and Ratnesh Kumar (“ASSIGNORS”), are the original and joint inventors of subject matter disclosed and/or claimed in a nonprovisional patent application, the title of which is:

### **SMART AREA MONITORING WITH ARTIFICIAL INTELLIGENCE**

for which we are about to make, or have made, application for Letters Patent of the United States. ASSIGNORS hereby authorize legal representatives of Shook, Hardy & Bacon L.L.P. to insert here in parentheses the Application No. (16/365,581), and Filing Date (March 26, 2019), when known; and

WHEREAS, NVIDIA Corporation (“ASSIGNEE”), a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 2788 San Tomas Expressway, Santa Clara, California 95051, USA, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right, title and interest, throughout the world, in, to and under said invention as fully set forth and described in the above-identified application; in, to and under said application; in, to and under any and all refilings, divisions and continuations of said application; in, to and under any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions and continuations; in, to and under any and

all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ASSIGNEE, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

ASSIGNORS hereby further agree that we will communicate to ASSIGNEE, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid ASSIGNEE, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

EXECUTED this 28 day of March, 2019.

P. Sriram  
/ Parthasarathy Sriram (Mar 28, 2019)  
Parthasarathy Sriram

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

*F. Aghdasi*

Farzin Aghdasi (Apr 1, 2019)

Farzin Aghdasi

EXECUTED this 4th day of April, 2019.

*Arman Toorians*

Arman Toorians (Apr 15, 2019)

Arman Toorians

EXECUTED this 28th day of March, 2019.

*Milind Naphade*

Milind Naphade (Mar 28, 2019)

Milind Naphade

EXECUTED this 28 day of March, 2019.

*Sujit Biswas*

Sujit Biswas (Mar 28, 2019)

Sujit Biswas

EXECUTED this 28 day of March, 2019.

*Vinay Kolar*

Vinay Kolar (Mar 28, 2019)

Vinay Kolar

EXECUTED this 5 day of April, 2019.

*Bhanu N Pisupati*

Bhanu N Pisupati (Apr 5, 2019)

Bhanu Pisupati

EXECUTED this 28 day of March, 2019.

*Aaron Bartholomew*

Aaron Bartholomew (Mar 28, 2019)

Aaron Bartholomew

EXECUTED this 28 day of March, 2019.

*ratnesh kumar*  
ratnesh kumar (Mar 28, 2019)

Ratnesh Kumar