505267975 01/08/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5314747 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONGHYUN KIM	01/28/2017
KAAN AKSIT	01/27/2017
WARD LOPES	01/30/2017
DAVID PATRICK LUEBKE	01/30/2017

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:	16186271		

CORRESPONDENCE DATA

Fax Number: (408)971-4660

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) 971-2573

Email: emma@zilkakotab.com
Correspondent Name: ZILKA-KOTAB, PC
Address Line 1: 1155 N. 1ST ST.

Address Line 2: SUITE 105

Address Line 4: SAN JOSE, CALIFORNIA 95112

ATTORNEY DOCKET NUMBER:	NVIDP1129A/16-SC-0029-US0			
NAME OF SUBMITTER:	STEPHANIE L. WINNER			
SIGNATURE:	/Stephanie L. Winner/			
DATE SIGNED:	01/07/2019			
	This document serves as an Oath/Declaration (37 CFR 1.63).			
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Total Attachments: 4

PATENT REEL: 047933 FRAME: 0145 $source = NVIDP1129A - NVIDP1129A_16-SC-0029-US03_Executed Assign DecForm_11-09-2018\#page1.tif\\ source = NVIDP1129A - NVIDP1129A_16-SC-0029-US03_Executed Assign DecForm_11-09-2018\#page2.tif\\ source = NVIDP1129A - NVIDP1129A_16-SC-0029-US03_Executed Assign DecForm_11-09-2018\#page3.tif\\ source = NVIDP1129A - NVIDP1129A_16-SC-0029-US03_Executed Assign DecForm_11-09-2018\#page4.tif\\$

PATENT REEL: 047933 FRAME: 0146

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: HOLOGRAPHIC REFLECTIVE SLIM VIRTUAL/AUGMENTED REALITY DISPLAY SYSTEM AND METHOD

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.
Lacknowledge 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:
f) Self, 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.
 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.
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
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: Jonghyun Kim
Signature: Jun 28 , 20/1 ,

REEL: 047933 FRAME: 0148

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Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts ith this assignment.					
nereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or apprisonment of not more than five (5) years, or both.					
gned on the date indicated beside my signature.					
Legal Name of Inventor. Kaan Aksit					
Signature. Date: 27 January 2017					
Page 1 of 1					
PATENT					

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

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5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
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: Ward Lopes
Signature: 15 4 155 Date: January 304, 201
manuse Sunday - January -

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

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The al	pove-identified application	n was made or authorized to be made	e by me.		
I belie	ve that I am the original	inventor or an original joint inventor	of a claimed invention	n in the ap	oplication.
I here	by state that I have review	ved and understand the contents of th	e above-identified app	olication,	including the claims.
I ackn	•	ose information which is material to	the patentability of the	s applica	tion in accordance with Title 37,
		entor have invented certain new and ed by the Attorney Docket Number p			
For go	ood and valuable conside	ration, the receipt and sufficiency of	which is hereby ackno	wledged,	I the undersigned inventor hereby:
Expre impro	ssway, Santa Clara, Calif vements and inventions of	NVIDIA Corporation , a Delaware fornia 95050, (hereinafter referred to disclosed in, application(s) based upo in the above referenced application.	as "ASSIGNEE"), the	entire ri	ght, title and interest in any and all
		Commissioner of Patents to issue any ostitutes(s) or reissue(s) thereof to the		s resultin	ng from said application or any
necess	sary in connection with th	s and documents and, entirely at the and prosecution of said application, as don't the enforcement of patents resulting	well as any derivative	and appl	
	her legal representative,	nants and conditions of this assignme and shall be binding upon the invento			
	Varrant and represent that his assignment.	I have not entered, and will not enter	r into any assignment,	contract,	or understanding that conflicts
	by acknowledge that any conment of not more than	willful false statement made in this d five (5) years, or both.	leclaration is punishab	le under	18 U.S.C. 1001 by fine or
Signe	d on the date indicated be	side my signature.			
L	egal Name of Inventor:				
Sig	nature: David	P Luchice	Т	Date:	January 30, 2017

Page 1 of 1

RECORDED: 01/08/2019