# 505539119 06/21/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5585916

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
VIVEK VISWANATHAN IYER	04/30/2019
MICHAEL S. GATSON	05/15/2019

### **RECEIVING PARTY DATA**

Name:	DELL PRODUCTS, L.P.
Street Address:	ONE DELL WAY
City:	ROUND ROCK
State/Country:	TEXAS
Postal Code:	78682

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16449258

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	114961.01	
NAME OF SUBMITTER:	CALLEEN A. LAWRENCE	
SIGNATURE:	/Calleen A. Lawrence/	
DATE SIGNED:	06/21/2019	

### **Total Attachments: 2**

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PATENT 505539119 REEL: 049556 FRAME: 0570

### PATENT ASSIGNMENT

WHEREAS, I. Vivok Viswanathan Iyer, the undereigned inventor, of 12609 Evening Star Pass, Austin, TX 78732, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled. "ADAPTIVE BACKCHANNEL SYNCHRONIZATION FOR VIRTUAL, AUGMENTED, OR MIXED REALITY (XR) APPLICATIONS IN EDGE CLOUD ARCHITECTURES," for which application for United States Letters Patent is made, the said application having been filed concurrently here with, and

WHEREAS, Dell Products, LPL a Texas Umited Partnership, having a principal place of business at One Dell Way. Round Rock, TX 78682, is desirous of acquining my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby self and assign to Deli Products, L.P., its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof, and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofer as my interest is concerned, to Delf Products, L.P., as assigned of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

also hereby self and assign to Dell Products, L.P., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the international Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any oth it papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Dell Products, L.P., or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, communition, reissue and substitute applications, make all lawful caths, and generally do everything possible to aid Dell Products, L.P., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the non-provisional application number and filing date herein below.

TITLE	Q- 1	APPLICATIONS IN EDGE	DR VIRTUAL, AUGMENTED CLOUD ARCHITECTURES
NON-PROVISIONAL APPLICATION NO.	16/449,258	FILING DATE	June 21, 2019

IN WITNESS THEREOF

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1712-10 10 17 142 SA	<i>[][[i]</i> [[i] [i] [i] [i] [i] [i] [i] [i] [i] [i
Vivek Viswanathan Iver 1	<b>Lane</b>
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PATENT REEL: 049556 FRAME: 0571

### PATENT ASSIGNMENT

WHEREAS, I, Michael S. Gatson, the undersigned inventor, of 7216 Fabion Dr., Austin, TX 78759, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "ADAPTIVE BACKCHANNEL SYNCHRONIZATION FOR VIRTUAL, AUGMENTED, OR MIXED REALITY (XR) APPLICATIONS IN EDGE CLOUD ARCHITECTURES," for which application for United States Letters Patent is made, the said application having been filed concurrently herewith; and

WHEREAS, Dell Products, L.P., a Texas Limited Partnership, having a principal place of business at One Dell Way, Round Rock, TX 78682, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to Dell Products, L.P., its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to Dell Products, L.P., as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to Dell Products, L.P., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Dell Products, L.P., or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, 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 Dell Products, L.P., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the non-provisional application number and filing date herein below.

TITLE	ADAPTIVE BACKCHAN AUGMENTED, OR M EDGE CLOUD ARCHITEC	IXED REALITY (X	ATION FOR VIRTUAL, R) APPLICATIONS IN
NON-PROVISIONAL APPLICATION NO.	16/449,258	FILING DATE	June 21, 2019

IN WITNESS THEREOF

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PATENT REEL: 049556 FRAME: 0572

RECORDED: 06/21/2019