10/21/2020 506314946

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6361695

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GAURAV CHAWLA	10/16/2020
MARK STEVEN SANDERS	10/21/2020
WILLIAM PRICE DAWKINS	10/16/2020
JIMMY D. PIKE	10/16/2020
ELIE JREIJ	10/17/2020
ROBERT W. HORMUTH	10/19/2020

RECEIVING PARTY DATA

Name:	DELL PRODUCTS L.P.
Street Address:	ONE DELL WAY
City:	ROUND ROCK
State/Country:	TEXAS
Postal Code:	78682-2244

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17076076

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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NAME OF SUBMITTER:	SVJETLANA LONG
SIGNATURE:	/Svjetlana Long/
DATE SIGNED:	10/21/2020

Total Attachments: 7 source=16356.2207US01 Executed_Assignments_All_Inventors#page1.tif source=16356.2207US01 Executed_Assignments_All_Inventors#page2.tif source=16356.2207US01 Executed_Assignments_All_Inventors#page3.tif source=16356.2207US01 Executed_Assignments_All_Inventors#page4.tif source=16356.2207US01 Executed_Assignments_All_Inventors#page5.tif source=16356.2207US01 Executed_Assignments_All_Inventors#page6.tif source=16356.2207US01 Executed_Assignments_All_Inventors#page7.tif

Customer No.: 0000160825

ASSIGNMENT

WHEREAS, we,

(1) Gaurav Chawla City of Austin State of Texas Country of Residency: United States (2)Mark Steven Sanders City of Roanoke State of Virginia Country of Residency: United States William Price Dawkins (3)City of Lakeway State of Texas Country of Residency: United States (4) Jimmy D. Pike City of Georgetown State of Texas Country of Residency: United States City of Pflugerville (5) Elie Jreij

State of Texas Country of Resider

Country of Residency: United States

(6) Robert W. Hormuth City of Cedar Park

State of Texas

Country of Residency: United States

have invented certain improvements in a

GRAPH-BASED DATA MULTI-OPERATION SYSTEM

and executed a United States patent application filed on	 and assigned
application Serial No	· ·

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, DELL PRODUCTS L.P., a Texas limited partnership having a place of business at One Dell Way, Round Rock, Texas 78682-2244 (DELL), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefore;

NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, transfer to DELL, its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all divisionals,

Customer No.: 0000160825

(1)		
Signed By:	/Gaurav Chawla/	
	Gaurav Chawla	Date
(2)		
Signed By:	Mark Steven Sanders	
	Mark Steven Sanders	Date
(3)		
Signed By:	William Price Dawkins	
	William Price Dawkins	Date
(4)		
Signed By:		
	Jimmy D. Pike	Date
(5)		
Signed By:		
	Elie Jreij	Date
(6)		
Signed By:	Robert W. Hormuth	
	Robert W. Hormuth	Date

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(1)		
Signed By: _	Gaurav Chawla	Date
(2)		
Signed By: _	/Mark Steven Sanders/ Mark Steven Sanders	<u>10/21/2020</u> Date
(3)		
Signed By: _	William Price Dawkins	Date
(4)		
Signed By: _	Jimmy D. Pike	Date
(5)		
Signed By: _	Elie Jreij	Date
(6)		
Signed By: _	Robert W. Hormuth	Date

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renewals, continuing applications thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to DELL, its successors and assigns; and we hereby agree that DELL may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by DELL.

(1)		
Signed By: _	Gaurav Chawla	Date
(2)		
Signed By: _	Mark Steven Sanders	Date
(3)		
	/William Price Dawkins/ William Price Dawkins	October 16, 2020 Date
(4)		
Signed By: _	Jimmy D. Pike	Date
(5)		
Signed By: _	Elie Jreij	Date
(6)		
Signed By: _	Robert W. Hormuth	Date

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(1)		
Signed By:	Gaurav Chawla	
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Signed By:	Mark Steven Sanders	
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Signed By:	William Price Dawkins	
(4)		
Signed By:	/Jimmy D. Pike/ Jimmy D. Pike	 10/16/2020 Date
(5)		
Signed By:	Elie Jreij	
(6)		
Signed By:	Robert W. Hormuth	

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(1)		
Signed By: _	Gaurav Chawla	 Date
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(3)	Mark Steven Sanders	Date
	William Price Dawkins	
(4)	William Price Dawkins	Date
	Jimmy D. Pike	
	Jimmy D. Pike	Date
(5) Signed By:	/Elie Jreij/	10/17/2020
	Elie Jreij	Date
(6)		
oigned by: _	Robert W. Hormuth	 Date

Customer No.: 0000160825

renewals, continuing applications thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to DELL, its successors and assigns; and we hereby agree that DELL may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by DELL.

(1)			
Signed By: _	Gaurav Chawla	 Date	
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Signed By: ₋	Mark Steven Sanders	 Date	
(3)			
Signed By: _	William Price Dawkins	 Date	
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Signed By: _	Jimmy D. Pike	 Date	
(5)			
Signed By: _	Elie Jreij	 Date	
(6)			
Signed By: _	/Robert W Hormuth/ Robert W. Hormuth	<u>10/19/2</u> Date	<u>:020</u>

Page 2 of 2

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RECORDED: 10/21/2020