PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5761071

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARY BENEDICT KOTZUR	09/18/2019
WILLIAM EMMETT LYNN	09/18/2019
KEVIN THOMAS MARKS	09/17/2019
CHANDRASHEKAR NELOGAL	09/17/2019
JAMES PETER GIANNOULES	09/16/2019

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:	16586103

CORRESPONDENCE DATA

Fax Number: (214)200-0853

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: 512-867-8459

Email: ipdocketing@haynesboone.com **Correspondent Name:** HAYNES AND BOONE, LLP

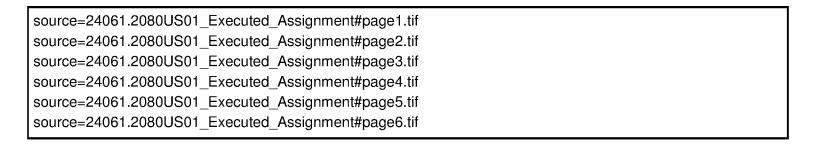
Address Line 1: IP SECTION, 2323 VICTORY AVENUE

Address Line 2: SUITE 700

Address Line 4: DALLAS, TEXAS 75219

ATTORNEY DOCKET NUMBER:	16356.2080US01(115824.01)
NAME OF SUBMITTER:	SVJETLANA LONG
SIGNATURE:	/Svjetlana Long/
DATE SIGNED:	10/09/2019

Total Attachments: 6



Docket No.: 16356.2080US01 (115824.01)

Customer No.: 0000160825

ASSIGNMENT

WHEREAS, we,

City of Austin (1) Gary Benedict Kotzur State of Texas Country of Residency: U.S.A. (2) William Emmett Lynn City of Round Rock State of Texas Country of Residency: U.S.A. **Kevin Thomas Marks** (3)City of Georgetown State of Texas Country of Residency: U.S.A. (4) Chandrashekar Nelogal City of Round Rock State of Texas Country of Residency: U.S.A. City of Round Rock (5) James Peter Giannoules State of Texas

have invented certain improvements in a

RAID STORAGE-DEVICE-ASSISTED READ-MODIFY-WRITE SYSTEM

Country of Residency: U.S.A.

and executed a United States patent application filed on September 27, 2019, and assigned application Serial No. 16/586,103

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, 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

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Docket No.: 16356.2080US01 (115824.01)

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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:	/Gary Benedict Kotzur/ Gary Benedict Kotzur	
(2)	•	
Signed By:	William Emmett Lynn	 Date
(3)		
Signed By:	Kevin Thomas Marks	Date
(4)		
Signed By: .	Chandrashekar Nelogal	Date
(5)		
Signed By:	James Peter Giannoules	 Date

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(1)		
Signed By: _	Gary Benedict Kotzur	Date
(2)		
Signed By: _	/William Emmett Lynn/ William Emmett Lynn	<u>9/18/2019</u> Date
(3)		
Signed By: _	Kevin Thomas Marks	Date
(4)		
Signed By: _	Chandrashekar Nelogal	Date
(5)		
Signed By: _	James Peter Giannoules	Date

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Signed By: _	/Kevin Thomas Marks/ Kevin Thomas Marks	9/17/2019 Date	
(4)			
Signed By: _	Chandrashekar Nelogal	 Date	
(5)			
Signed By:	James Peter Giannoules	 Date	

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Signed By:	William Emmett Lynn	Date
(3)		
Signed By:	Kevin Thomas Marks	 Date
(4)		
Signed By:	/Chandrashekar Nelogal/ Chandrashekar Nelogal	<u>Sep 17, 2019</u> Date
(5)		
Signed By:	James Peter Giannoules	 Date

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Signed By:	Chandrashekar Nelogal	Date	
(5)			
Signed By:	/James Peter Giannoules/	09/16/2019 Date	<u>}</u>

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