505266015 01/07/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEEPAGANESH PAULRAJ	12/24/2018
MANJUNATH VISHWANATH	12/20/2018
RAMA RAO BISA	12/20/2018
CHITRAK GUPTA	12/20/2018
ELIE ANTOUN JREIJ	12/20/2018

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:	16241817

CORRESPONDENCE DATA

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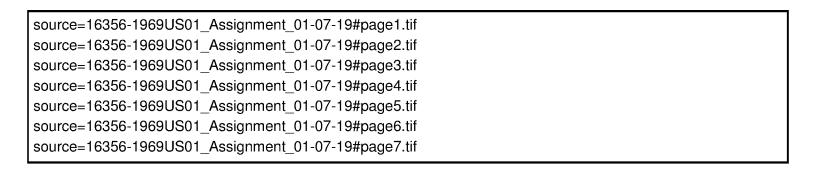
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ATTORNEY DOCKET NUMBER:	16356.1969US01 113031.01
NAME OF SUBMITTER:	JOY LEE
SIGNATURE:	/Joy Lee/
DATE SIGNED:	01/07/2019
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Total Attachments: 7

PATENT REEL: 047922 FRAME: 0779

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PATENT REEL: 047922 FRAME: 0780

Docket No.: 16356.1969US01 (113031.01)

Customer No.: 000027683

ASSIGNMENT

WHEREAS, we,

(1) Deepaganesh Paulraj #7, Sri Muthu Rathina Nivas

1st Cross, Pearl Paradise Layout

Kempapura Main Road Kempapura Village

Bangalore, KA, INDIA

(2) Manjunath Vishwanath 148K, 19th A Main, I Block, Rajajinagar

Bangalore, KA, INDIA

(3) Rama Rao Bisa 3143 Mykonos

Sobha City

Thanisandra Main Road Hegde Nagar

Bangalore, KA, INDIA

(4) Chitrak Gupta Rose 604 Oceanus Greendale 3rd Main 16th

Cross Hoysala Nagar Bangalore, KA, INDIA

(5) Elie Antoun Jreij 500 Betterman Dr

Pflugerville, TX 78660

have invented certain improvements in a

UNLOCKING OF COMPUTER STORAGE DEVICES

and executed a United States patent application filed on <u>January 7, 2019</u>, and assigned application Serial No. <u>16/241,817</u>.

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

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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 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.

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Signed By:	Deepaganesh Paulraj		12/24/2018 Date
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	Manjunath Vishwanath		Date
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J ,	Rama Rao Bisa		Date
(4)			
Signed By:			
	Chitrak Gupta		Date
(5)			
Signed By:			
5 ,	Elie Antoun Jreij	***************************************	Date

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	Manjunath Vishwanath	Date
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	Chitrak Gupta	Date
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	Elie Antoun Jreij	Date

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Signed By:	Rama Rao Bisa	Date
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Signed By:	Chitrak Gupta	Date
(5) Signed By:	Elies	12-20-18
Signed By:	Flie Antoun Ireii	Dafa