PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5689221

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
	Corrective Assignment to correct the NAME OF THE 4TH ASSIGNOR WAS MISSING previously recorded on Reel 048128 Frame 0246. Assignor(s) hereby confirms the NAME OF THE 4TH INVENTOR SHOULD BE: SUSHMA BASAVARAJAIAH.	

CONVEYING PARTY DATA

Name	Execution Date
DEEPAGANESH PAULRAJ	01/09/2019
RAMA RAO BISA	01/05/2019
CHITRAK GUPTA	01/04/2019
SUSHMA BASAVARAJAIAH	01/06/2019
MUKUND P. KHATRI	01/06/2019

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:	16256852

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. 1968US01_80189

NAME OF SUBMITTER: Y. KIM REYES

SIGNATURE: /Y. Kim Reyes/

DATE SIGNED: 08/27/2019

505642415 REEL: 050193 FRAME: 0374

Total Attachments: 9 source=16356-1968US01_Corrective_Assignment#page1.tif source=16356-1968US01_Corrective_Assignment#page2.tif source=16356-1968US01_Corrective_Assignment#page3.tif source=16356-1968US01_Corrective_Assignment#page4.tif source=16356-1968US01_Corrective_Assignment#page5.tif source=16356-1968US01_Corrective_Assignment#page6.tif source=16356-1968US01_Corrective_Assignment#page7.tif source=16356-1968US01_Corrective_Assignment#page8.tif source=16356-1968US01_Corrective_Assignment#page8.tif

PATENT REEL: 050193 FRAME: 0375 505295095 01/24/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5341872

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEEPAGANESH PAULRAJ	01/09/2019
RAMA RAO BISA	01/05/2019
CHITRAK GUPTA	01/04/2019
MUKUND P. KHATRI	01/06/2019

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:	16256852

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: 214-651-5000

Email: ipdocketing@haynesboone.com

Correspondent Name: HAYNES AND BOONE, LLP IP SECTION

Address Line 1: 2323 VICTORY AVENUE

Address Line 2: SUITE 700

Address Line 4: DALLAS, TEXAS 75219

ATTORNEY DOCKET NUMBER: 16356.1968US01

NAME OF SUBMITTER: JO EL MERCER

SIGNATURE: /Jo El Mercer/

DATE SIGNED: 01/24/2019

Total Attachments: 5

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PATENT REEL: 050193 FRAME: 0376

Docket No.: 16356.1968US01 (113032.01)

Customer No.: 000027683

ASSIGNMENT

WHEREAS, we,

(1)	Deepaganesh Paulraj	Yemalur, Bangalore, Karnataka, India
(2)	Rama Rao Bisa	Bangalore, Karnataka, India
(3)	Chitrak Gupta	Bangalore, Karnataka, India
(4)	Sushma Basavarajalah	Bangalore, Karnataka, India
(5)	Mukund P. Khatri	City of Austin State of Texas Country: United States

have invented certain improvements in a

DEVICE LOCKING KEY MANAGEMENT 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. 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.

Docket No.: 16356,1968US01 (113032.01) Customer No.: 000027683

(1)			
Signed By:	Deepaganesh Paulraj	1/9/2019 Date	
(2)			
Signed By:	Rama Rao Bisa	<i>Y</i>	
	Rama Rao Bisa	Date	
(3)			
Signed By:	Chitrak Gupta	Page 1	
	Chitrak Gupta	Date	
(4)			
Signed By:	0	F) a.l	
	Sushma Basavarajaiah	Date	
(5)			
Signed By:	Mukund P. Khatri	 Date	

Docket No.: 16356.1968US01 (113032 01)

Customer No.: 000027683

(1)		-
Signed By:	Deepaganesh Paulraj	Date
(2) Signed By:	Mama Uno M. Rama Rao Bisa	<u>JAN 5 ^{MC} 2019</u> Date
(3)		
Signed By:	Chitrak Gupta	Date
(4).		
Signed By:	Sushma Basavarajalah	Date
(5)		
Signed By:	Mukund P. Khatri	Date

Docket No.: 16356.1968US01 (113032.01) Customer No.: 000027683

(1)	•	,
Signed By:	Deepaganesh Paulraj	Date
(2)		
Signed By:	Rama Rao Bisa	 Date
(3) Signed By:	Cidenal	01/04/2019
	Chitrak Gupta	Date
(4)		
Signed By:	Ovelana Danasaniciah	
	Sushma Basavarajalah	Date
(5)		
Signed By:	Mukund P. Khatri	 Date

Docket No.: 16356.1968US01 (113032.01) Customer No.: 000027683

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	Deepaganesh Paulraj	Date	
(2)			
Signed By:			
	Rama Rao Bisa	Date	
(3)			
Signed By: _			***************************************
	Chitrak Gupta	Date	
(4)			
Sianed Bv:	/Sushma Basavarajaiah/	01/0	06/2019
	Sushma Basavarajaiah	Date	
(5)			
oigned By:	Mukund P. Khatri	Date	

PATENT

Docket No.: 16356.1968US01 (113032.01) Customer No.: 000027683

(1)		
Signed By:		
	Deepaganesh Paulraj	Date
(2)		
Signed By:		
	Rama Rao Bisa	Date
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Signed By:	;	
- · · · · · · · · · · · · · · · · · · ·	Chitrak Gupta	Date
(4)		
Signed By:	Sushma Basavarajaiah	Date
(5)		
	/Mukund P Khatri/	Jan 6 th , 2019 Date