PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5497550

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHANAND REDDY SUKUMARAN	04/26/2019
CHING SIEW HOR	04/26/2019
ASHISH KUMAR PALO	04/26/2019

RECEIVING PARTY DATA

Name:	DELL PRODUCTS L. P.
Street Address:	1 DELL WAY
City:	ROUND ROCK
State/Country:	TEXAS
Postal Code:	78682

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16396103

CORRESPONDENCE DATA

Fax Number: (512)439-5099

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: 5124395082

Email: rdonaldson@cspatents.com CAMPBELL STEPHENSON LLP Correspondent Name: Address Line 1: 12001 WEST PARMER LANE

Address Line 2: SUITE 101

Address Line 4: CEDAR PARK, TEXAS 78613

ATTORNEY DOCKET NUMBER:	DLL0104US
NAME OF SUBMITTER:	ROZ DONALDSON
SIGNATURE:	/ROZ DONALDSON/
DATE SIGNED:	04/29/2019

Total Attachments: 1

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PATENT REEL: 049022 FRAME: 0787 505450749

Attorney Docket No.: DLL0104US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Shanand Reddy Sukumaran of Kulim, Kedah, Malaysia
Ching Siew Hor of Bayan Lepas, Penang, Malaysia
Ashish Kumar Palo of Damanjodi, Odisha, India

hereby sell, assign and transfer to Dell Products L. P., a Texas corporation, having a place of business at 1 Dell Way, Round Rock, Texas, 78682, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

PREDICTION AND REPAIR OF DATABASE FRAGMENTATION

for which we filed a United States Patent Application on April 26, 2019, which now has Application Serial No. 16/396, 103, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns. We further authorize and request the attorneys appointed as representatives in this application to hereafter complete this assignment by inserting above the filing date and application number of this application when known.

Executed this 26 day of April	, 201 <u>9</u>
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	Shanand Reddy Sukumaran
Executed this 26 day of APRIL	1 2019 -
	Ching Siew Hor
Executed this 26 day of April	, 201 <u>¶</u> .
and the action of the second o	Ashish Kumos Palo.
	Ashish Kumar Palo

Client Ref.: 114238.0

RECORDED: 04/29/2019