PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATHISH KUMAR BIKUMALA	01/18/2018
NEHA WADHWANI	01/18/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15884528		

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.

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Email: dmalner@cspatents.com

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Address Line 1: 11401 CENTURY OAKS TERRACE

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Address Line 4: AUSTIN, TEXAS 78758

ATTORNEY DOCKET NUMBER:	DLL0040US
NAME OF SUBMITTER:	DIANE C. MALNER
SIGNATURE:	/Diane C. Malner/
DATE SIGNED:	02/06/2018

Total Attachments: 3

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PATENT 504764881 REEL: 044842 FRAME: 0821

Attorney Docket No.: DLL0040US

ASSIGNMENT

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

Sathish Kumar Bikumala of Round Rock, TX, USA Neha Wadhwani Round Rock, TX, USA of

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:

OPTIMIZING PEER TO PEER COLLABORATIVE SUPPORT

for which we filed a United States Patent Application on January 31, 2018, which now has Application Serial No. 15/884,528 , 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 18 day of	January, 2018.
	Sections
	Sathish Kumar Bikumala
Executed this day of	, 2018.
Client Ref. No.: 109523.01	Neha Wadhwani

REEL: 044842 FRAME: 0822

Attorney Docket No.: DLL0040US

ASSIGNMENT

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COL	- 2000 and	vanuabie	CONSIDERATION.	тесепис	n which is	петеру	acknowledged	. wc

Sathish Kumar Bikumala of Round Rock, TX, USA Neha Wadhwani of Round Rock, TX, USA

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:

OPTIMIZING PEER TO PEER COLLABORATIVE SUPPORT

has Application Serial No. 15/884,528 country for said invention, including division rights of priority resulting from the filing of apply for patents of foreign countries for said authorization from us; we agree to execute foreign applications, and generally to do assigns and nominees, at their request and exin all countries; and we request that the Utgranted for said invention to the above-name We further authorize and request the attoriors.	plication on, and all patent applications and patents of every ons, reissues, continuations and extensions thereof, and all said applications; we authorize the above-named assignee to dinyention, and to claim all rights of priority without further all papers useful in connection with said United States and everything possible to aid said assignee, their successors, expense, in obtaining and enforcing patents for said invention nited States Patent and Trademark Office issue all patents ad assignee, its successors and assigns. The property of the priority without further all papers useful in connection with said United States and everything possible to aid said assignee, their successors, expense, in obtaining and enforcing patents for said invention nited States Patent and Trademark Office issue all patents are appointed as representatives in this application to orting above the filing date and application number of this
Executed this day of	, 2018.
	Sathish Kumar Bikumala
Executed this _18th_ day of	January, 2018.
	Neha Wadhwani Neha Wadhwani

PATENT REEL: 044842 FRAME: 0823 Client Ref. No.: 109523.01

RECORDED: 02/06/2018

PATENT REEL: 044842 FRAME: 0824