505856052 01/09/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5902989

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHITRAK GUPTA	12/18/2019
RAMA BISA	12/18/2019
RAJESHKUMAR PATEL	12/19/2019
CHANDRASEKHAR PUTHILATHE	01/08/2020
JOHN PALMER	12/17/2019
AKKIAH MADDUKURI	12/18/2019
PAVAN GAVVALA	12/19/2019

RECEIVING PARTY DATA

Name:	DELL PRODUCTS, LP
Street Address:	ONE DELL WAY
City:	ROUND ROCK
State/Country:	TEXAS
Postal Code:	78682

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16738446

CORRESPONDENCE DATA

Fax Number: (512)439-7199

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: 512-439-7100

Email:docketing@larsonnewman.comCorrespondent Name:LARSON NEWMAN, LP (DELL)Address Line 1:8200 N. MOPAC EXPY., SUITE 280

Address Line 4: AUSTIN, TEXAS 78759

ATTORNEY DOCKET NUMBER:	DC-117910
NAME OF SUBMITTER:	TIMOTHY G. NEWMAN
SIGNATURE:	/timothy g newman/
DATE SIGNED:	01/09/2020

PATENT REEL: 051468 FRAME: 0543

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Total Attachments: 8 source=Assignment_DC-117910#page1.tif source=Assignment_DC-117910#page2.tif source=Assignment_DC-117910#page3.tif source=Assignment_DC-117910#page4.tif source=Assignment_DC-117910#page5.tif source=Assignment_DC-117910#page6.tif source=Assignment_DC-117910#page7.tif source=Assignment_DC-117910#page8.tif

PATENT REEL: 051468 FRAME: 0544

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an Assignor named below,

Chitrak Gupta of Bangalore, Karnataka, INDIA Rama Bisa of Bangalore, Karnataka, INDIA Rajeshkumar Patel of Bangalore, Karnataka, INDIA Chandrasekhar Puthilathe of Bangalore, Karnataka, INDIA John Palmer of Georgetown, Texas, USA Akkiah Maddukuri of Austin, Texas, USA Pavan Gavvala of Bangalore, Karnataka, INDIA hereby sell, assign and transfer to ASSIGNEE: DELL PRODUCTS, LP One Dell Way Round Rock, Texas 78682 its successors, assigns and legal representatives, my entire right, title and interest throughout the

world, including all rights to claim priority, in and to the invention disclosed in:

U.S. Patent Application executed on or about the date of this Assignment,

	Application executed on ional Application	AREA MARIA AND THE STREET,	, or
U.S. Applic	ation No.:	, filed on	
International	d Application No.: <u>PCT/</u>	~~~~	, filed on
ENTITLED:		ENT INFRAST	RAPHICS PROCESSING RUCTURE FOR REAL TIME
			and interest in and to any and all regional and foreign national

United States and foreign applications (including international, regional and foreign national applications) for said Invention, including divisions, continuations, continuations-in-part, utility models, industrial designs, renewals, substitutes and extensions thereof, and in and to any and all patents, invention registrations, or other forms of protection ("Patents") of every country or region that may be granted or have been granted for said Invention, including any reissues and reexaminations thereof.

To comply with	37 C.F.R. § 3.21 for re	ecording this Assignment, I authorize and request that the
application num	ber and filing date be i	nserted here, if not already shown above,
<u></u>	, filed	when they become known.

I authorize Assignee to apply for patents of foreign countries for said Invention, and to claim all rights of priority without further authorization from me.

I agree that, upon request and without further compensation, but at no expense to me, I and/or my legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States throughout the world.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Director of the United States Patent and Trademark Office and agencies, departments, or other similar offices and officials of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, reexamination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

Executed on	by	12/18/2019 Chitrak Gupta	,
Executed on	by	Rama Bisa	***************************************
Executed on	by	Raieshkumar Patel	3

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Executed on		by	
			Rajeshkumar Patel

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Executed on		Chitrak Gupta
Executed on	By	Rana Bisa
Bxecuted on [A] Dec. 2019		Rajeshkumar Patel

Executed on A		jbw, 2020 Chandrasckhar Puthilathe
Executed on		John Palmer
Executed on		Akkial Maddukuri
Executed on		Payan Carysia

PATENT REEL: 051468 FRAME: 0549

Executed on	by, Chandrasekhar Puthilathe
Executed on 12/17/19	by <i>John R Palmer</i> John Palmer
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Executed on	by, Pavan Gavvala

Altomey Docket No.: DC-117910

Executed on	by	Chandrasekhar Puthilathe
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