# 505886438 01/28/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5933263

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KAMAL JOSEPH KOSHY	01/24/2020
VIVEK VISWANATHAN IYER	01/23/2020
MINHO CHEONG	01/24/2020
DILEEP KUMAR SOMA	01/23/2020

## **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16774590

# **CORRESPONDENCE DATA**

**Fax Number:** (888)453-1815

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:** 214-722-8983

**Email:** docketing@fogartyip.com

**Correspondent Name:** FOGARTY LLP **Address Line 1:** P.O. BOX 703695

Address Line 4: DALLAS, TEXAS 75370-3695

ATTORNEY DOCKET NUMBER:	117326.01	
NAME OF SUBMITTER:	CALLEEN A. LAWRENCE	
SIGNATURE:	/Calleen A. Lawrence/	
DATE SIGNED:	01/28/2020	

### **Total Attachments: 4**

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PATENT 505886438 REEL: 051644 FRAME: 0446

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WHEREAS, I, Karnal Joseph Koshy, the undersigned inventor, of 9101 Middlebie Dr., Austin, TX 78750, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "PREDICTIVE SCANNING AND HANDOVER," for which application for United States Letters Patent is made, the said application having been filed concurrently herewith; and

WHEREAS, Dell Products, L.P., a Texas Limited Partnership, having a principal place of business at One Dell Way, Round Rock, TX 78682, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to Dell Products, L.P., its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof, and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to Dell Products, L.P., as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to Dell Products, L.P., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Dell Products, L.P., or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid Dell Products, L.P., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the non-provisional application number and filing date herein below.

TITLE	PREDICTIVE SCANNING AND HANDOVER		
NON-PROVISIONAL APPLICATION NO.	16/774,590	FILING DATE	January 28, 2020

#### IN WITNESS THEREOF

Kamal Joseph Koshy	//24/2020 Date	

WHEREAS, I, Vivek Viswanathan Iyer, the undersigned inventor, of 12609 Evening Star Pass, Austin, TX 78732, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "PREDICTIVE SCANNING AND HANDOVER," for which application for United States Letters Patent is made, the said application having been filed concurrently herewith; and

WHEREAS, Dell Products, L.P., a Texas Limited Partnership, having a principal place of business at One Dell Way, Round Rock, TX 78682, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to Dell Products, L.P., its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to Dell Products, L.P., as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to Dell Products, L.P., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Dell Products, L.P., or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid Dell Products, L.P., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the non-provisional application number and filing date herein below.

TITLE	PREDICTIVE SCANNING A	ND HANDOVER	
NON-PROVISIONAL APPLICATION NO.	16/774,590	FILING DATE	January 28, 2020
IN WITNESS THE	REOF		
Vivek Viswanathan Iyer	Viueu V. Iyar 01/23/20 Pek Viswanathan Iyer Date		20

WHEREAS, I, Minho Cheong, the undersigned inventor, of 2613 Crestfield Place, Round Rock, TX 78681, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled PREDICTIVE SCANNING AND HANDOVER." for which application for United States Letters Patent is made, the said application having been filed concurrently herewith, and

WHEREAS, Dell Products, L.P., a Texas Limited Partnership, having a principal place of business at One Dell Way. Round Rock, TX 78682, is desirous of acquiring my entire right, title and interest in and to the said meetion, and to the said application and any Letters Patent that may essue thereon in the United States and all other countries throughout the world.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged. I hereby self-and assign to Dell Products, L.P., its successors and sessions, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions reasons, substitutions, continuations, and extensions thereof, and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned to Dell Products, L.P., as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict berevith.

Lase bereby self and assign to Deli Products, L.P., its successors and assigns, my foreign rights to the invention described in said application, in all countries of the world including, but not limited to, the right to frie applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavirs, and any other papers in connection therewith necessary to perfect such patent rights.

Thereby further agree that I will communicate to Dell Products. L.P. or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, teatify in any legal proceedings, sign all lawful papers, execute all divisional, continuation reliaste and substitute applications make all lawful oaths, and generally do everything possible to aid Dell Products L.P. its successors, assigns and reminees to obtain and entoric proper patent protection for said invention in all countries.

cauthorize the later insertion of the non-provisional application number and filing date herein below.

	REDICTIVE SCANNING AN	O HANDOVER		,
THE STATE				
NON-PROVISIONAL				
AFPLICATION NO.	16/774,590	FILING DATE	January 28, 2020	

IN WITNESS THEREOF

WHEREAS, I, Dileep Kumar Soma, the undersigned inventor, of 12800 Harrisglenn Dr., Austin, TX 78753, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "PREDICTIVE SCANNING AND HANDOVER," for which application for United States Letters Patent is made, the said application having been filed concurrently herewith; and

WHEREAS, Dell Products, L.P., a Texas Limited Partnership, having a principal place of business at One Dell Way, Round Rock; TX 78682, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to Dell Products, L.P., its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to Issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to Dell Products, L.P., as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to Dell Products, L.P., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Dell Products, L.P., or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assigned company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid Dell Products, L.P., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the non-provisional application number and filing date herein below.

TITLE	PREDICTIVE SCANNING AND HANDOVER		
NON-PROVISIONAL APPLICATION NO.	16/774,590	FILING DATE	January 28, 2020

#### IN WITNESS THEREOF

SOD-	01/23/2020
Dileep Kumar Soma	Date

PATENT REEL: 051644 FRAME: 0451

RECORDED: 01/28/2020