505028766 07/31/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5075516

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIAM B. QUINN	07/31/2018
CHRISTOPHER ALAN ROBINETTE	07/26/2018
MICHIEL SEBASTIAAN EMANUEL PETRUS KNOPPERT	07/24/2018

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:	16050392

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.

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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:	111698.01
NAME OF SUBMITTER:	CALLEEN A. LAWRENCE
SIGNATURE:	/Calleen A. Lawrence/
DATE SIGNED:	07/31/2018

Total Attachments: 3

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> **PATENT** REEL: 046512 FRAME: 0747

505028766

PATENT ASSIGNMENT

WHEREAS, I, Liam B. Quinn, the undersigned inventor, of 8611 Camelia Lane, Austin, Texas 78759, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "MULTI-FORM FACTOR INFORMATION HANDLING SYSTEM (IHS) WITH REMOVABLE KEYBOARD," 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	MULTI-FORM FACTOR I REMOVABLE KEYBOARD	NFORMATION HANDLII	NG SYSTEM (IHS) WITH
NON-PROVISIONAL APPLICATION NO.	16/050,392	FILING DATE	July 31, 2018

Date

IN WITNESS THEREOF

Liam B. Quinn

31 St Jaly 2018

PATENT

REEL: 046512 FRAME: 0748

PATENT ASSIGNMENT

WHEREAS, I, Christopher Alan Robinette, the undersigned inventor, of 1446 Eastshore Dr., Alameda, CA 94501, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "MULTI-FORM FACTOR INFORMATION HANDLING SYSTEM (IHS) WITH REMOVABLE KEYBOARD," 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	MULTI-FORM FACTOR II REMOVABLE KEYBOARD	NFORMATION HANDLIN	NG SYSTEM (IHS) WITH
NON-PROVISIONAL APPLICATION NO.	16/050,392	FILING DATE	July 31, 2018

IN WITNESS THEREOF

Christopher Alan Robinette Date	de Am De	26 JUL 2018	
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PATENT REEL: 046512 FRAME: 0749

PATENT ASSIGNMENT

WHEREAS, I, Michiel Sebastiaan Emanuel Petrus Knoppert, the undersigned inventor, of JF van Hengelstraat 32, Amsterdam, Netherlands 1019 DC, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "MULTI-FORM FACTOR INFORMATION HANDLING SYSTEM (IHS) WITH REMOVABLE KEYBOARD," 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.

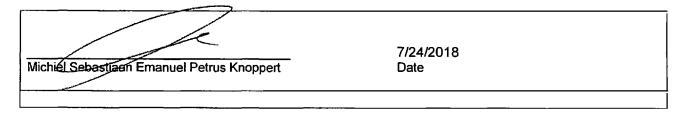
I also hereby sell and assign to Dell Products, L.P., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention 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	MULTI-FORM FACTOR IN REMOVABLE KEYBOARD	NFORMATION HANDLIN	G SYSTEM (IHS) WITH
NON-PROVISIONAL APPLICATION NO.	16/050,392	FILING DATE	July 31, 2018

IN WITNESS THEREOF



PATENT REEL: 046512 FRAME: 0750

RECORDED: 07/31/2018