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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HSIANG-YIN HUNG	08/12/2019
RUI-SHEN LU	08/12/2019
CHIEN HUNG CHOU	08/14/2019

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:	16541336

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: crourkipdocket@jw.com

DELL C/O JACKSON WALKER L.L.P. **Correspondent Name:**

Address Line 1: 100 CONGRESS AVENUE

Address Line 2: **SUITE 1100**

Address Line 4: AUSTIN, TEXAS 78701

ATTORNEY DOCKET NUMBER: 102450.00570(115281.01) **NAME OF SUBMITTER:** CHRISTOPHER J. ROURK SIGNATURE: /Christopher J. Rourk/ **DATE SIGNED:** 08/15/2019

Total Attachments: 4

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Attorney Docket No.: 102450.00570(115281.01)

ASSIGNMENT

WHEREAS, HSIANG-YIN HUNG, RUI-SHEN LU and CHIEN HUNG CHOU, hereinafter called the "inventors", have made the invention described in the United States patent application entitled "ROTATIONAL HOOK MECHANISM FOR DROP PREVENTION AND PROTECTION DURING MODULE REMOVAL," Attorney Docket No. 102450.00570(115281.01), for a full description of which reference is here made to an application for Letters Patent of the United States filed herewith; and

We hereby also sell, assign and transfer unto DELL PRODUCTS L.P., hereinafter called the "Assignee" having a place of business in One Dell Way, Round Rock, Texas, 78682 USA, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize DELL PRODUCTS L.P. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, continuation-in-part, or reissue, to DELL PRODUCTS L.P., for the sole use and benefit of DELL PRODUCTS L.P., its successors, assigns and legal representatives, to the full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to DELL PRODUCTS L.P.

We agree that, when requested, we will, without charge to DELL PRODUCTS L.P., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in DELL PRODUCTS L.P., its successors, assigns and legal representatives or nominees.

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Assignment Page 2 of 4

I covenant with DELL PRODUCTS L.P., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance

NAME OF FIRST INVENTOR	HSIANG-YIN HUNG
SIGNATURE OF FIRST INVENTOR	Laghther Ottom
DATE	8/12/2019

I covenant with DELL PRODUCTS L.P., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Name of Second Inventor	RUI-SHEN LU
SIGNATURE OF SECOND INVENTOR	Run-Spen La Bolt
Date	%-70/9

I covenant with DELL PRODUCTS L.P., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

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