

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHING-LUNG CHAO	05/01/2018
SHIH-HAO WANG	05/01/2018
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:	15970454
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NAME OF SUBMITTER:	Y. KIM REYES
SIGNATURE:	/Y. Kim Reyes/
DATE SIGNED:	05/03/2018
Total Attachments: 3	
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source=16356-1916US01_Assignment_Ching-Lung_Chao_And_Shih-Hao_Wang#page3.tif	

ASSIGNMENT

WHEREAS, we,

(1) Ching-Lung Chao

City of Austin
State of Texas

(2) Shih-Hao Wang

14F., No.131, Xuecheng Rd.
Sanxia District
New Taipei City, Taiwan (R.O.C.)

have invented certain improvements in a

MEMORY SCRUB SYSTEM

and executed a United States patent application filed on May 3, 2018, and assigned application Serial No. 15/970,454.

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, DELL PRODUCTS L.P., a Texas limited partnership having a place of business at One Dell Way, Round Rock, Texas 78682-2244 (DELL), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefore;

NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, transfer to DELL, its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all divisionals, renewals, continuing applications thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to DELL, its successors and assigns; and we hereby agree that DELL may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by DELL.

(1)

Signed By: /Ching-Lung Chao/ _____ 5/1/2018 _____
Ching-Lung Chao Date

Witnessed By: /William Carl Munger/ _____ 5/1/2018 _____
Date

Name: William Carl Munger _____

Witnessed By: /Honda Wei/ _____ 5/1/2018 _____
Date

Name: Honda Wei _____

(2)

Signed By: _____ 5/1/2018 _____
Shih-Hao Wang Date

Witnessed By: _____ 5/1/2018 _____
Date

Name: _____

Witnessed By: _____ 5/1/2018 _____
Date

Name: _____

(1)

Signed By: /Ching-Lung Chao/_____
Ching-Lung Chao04/30/2018_____
Date

Witnessed By: _____

Date

Name: _____

Witnessed By: _____

Date

Name: _____

(2)

Signed By: /Shih-Hao Wang/_____
Shih-Hao Wang05/01/2018_____
Date

/

Witnessed By: /Hsin-Ling Hsieh/_____

05/01/2018_____
Date

Name: _____ Hsin-Ling Hsieh

/

Witnessed By: /Feng-Ying Yang/_____

05/01/2018_____
Date

Name: _____ Feng-Ying Yang
