

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5390243

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAIFANG ZHAI	02/21/2019
HENDRY XIAOPING WU	02/21/2019
DAVID DONG	02/21/2019
YUJIE ZHOU	02/21/2019
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:	16248286
CORRESPONDENCE DATA	
Fax Number:	(631)393-6271
<i>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.</i>	
Phone:	631-393-6270
Email:	nyoffice@rml-law.com
Correspondent Name:	JOSEPH B. RYAN
Address Line 1:	48 SOUTH SERVICE ROAD, SUITE 100
Address Line 2:	RYAN, MASON & LEWIS, LLP
Address Line 4:	MELVILLE, NEW YORK 11747
ATTORNEY DOCKET NUMBER:	109956.02
NAME OF SUBMITTER:	JOSEPH B. RYAN
SIGNATURE:	/joseph b. ryan/
DATE SIGNED:	02/25/2019
Total Attachments: 6	
source=4414-1189_ASM#page1.tif	
source=4414-1189_ASM#page2.tif	

source=4414-1189_ASM#page3.tif

source=4414-1189_ASM#page4.tif

source=4414-1189_ASM#page5.tif

source=4414-1189_ASM#page6.tif

ASSIGNMENT

WHEREAS, we, Haifang Zhai, Hendry Xiaoping Wu, David Dong and Yuije Zhou, have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **DEVICE HAVING TIME DIVISION MULTIPLEXING CAPABILITY OF HEAT DISSIPATION**, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on January 15, 2019 as U.S. Application No. 16/248,286;
- was patented under U.S. Patent No. _____ on _____.

WHEREAS, Dell Products L.P. (hereinafter "ASSIGNEE"), a limited partnership organized and existing under the laws of the State of Texas and having a usual place of business at One Dell Way, Round Rock, Texas 78682 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution,

reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: 2019 2.21

Haifang Zhai
Inventor's Signature

Print full name of first inventor: Haifang Zhai
Residence: Shanghai, China
Citizenship: China
Mailing Address: 2F Building #2, KIC Plaza, 252 Songhu Road
Shanghai, China 200433

I Yicong Wu (name) whose residential address is

#1252 Songhu Rd Shanghai PRC
was personally present and did see Haifang Zhai (name of person signing the assignment) who
is personally known to me, execute the above assignment.

Yicong Wu (signature of first witness)

Signed at Shanghai PRC (location of witness signature)

on this day 2/21 of 2019 (date of signature)

I Yujie Zhou (name) whose residential address is

#1252 Songhu Rd Shanghai P.R.C.
was personally present and did see Haifang Zhai (name of person signing the assignment) who
is personally known to me, execute the above assignment.

Yujie Zhou (signature of second witness)

Signed at Shanghai P.R.C. (location of witness signature)

on this day 2/21 of 2019 (date of signature)

Date: 2/21/2019

Xiaoping Wu
Inventor's Signature

Print full name of second inventor: Hendry Xiaoping Wu
Residence: Shanghai, China
Citizenship: China
Mailing Address: Room 502, Unit 3, No. 560, Gaoqin Road
Shanghai, China 200123

I Kujie Zhou (name) whose residential address is

#252 Songhu Rd. Shanghai, P.R.C.

was personally present and did see Hendry Xiaoping Wu (name of person signing the assignment) who is personally known to me, execute the above assignment.

Kujie Zhou (signature of first witness)

Signed at Shanghai, P.R.C. (location of witness signature)

on this day 2/21 of 2019 (date of signature)

I Wei Dong (name) whose residential address is

#252 Songhu Rd. Shanghai, P.R.C.

was personally present and did see Hendry Xiaoping Wu (name of person signing the assignment) who is personally known to me, execute the above assignment.

Wei Dong (signature of second witness)

Signed at Shanghai PRC (location of witness signature)

on this day 2/21 of 2019 (date of signature)

Date: 2019/12/21

Wei Dong
Inventor's Signature

Print full name of third inventor: David Dong
Residence: Shanghai, China
Citizenship: China
Mailing Address: Room 1802, Building 2, No. 189, Benx
Shanghai, China

I Xiaofeng Wu (name) whose residential address is
#252 Songhu Rd. Shanghai PRC
was personally present and did see David Dong (name of person signing the assignment) who is
personally known to me, execute the above assignment.

Xiaofeng Wu (signature of first witness)

Signed at Shanghai (location of witness signature)

on this day 2/21 of 2019 (date of signature)

I Yujie Zhou (name) whose residential address is
#252 Songhu Rd. Shanghai P.R.C.
was personally present and did see David Dong (name of person signing the assignment) who is
personally known to me, execute the above assignment.

Yujie Zhou (signature of second witness)

Signed at Shanghai P.R.C. (location of witness signature)

on this day 2/21 of 2019 (date of signature)

Date: 2019. 2. 21

Yujie Zhou
Inventor's Signature

Print full name of fourth inventor: Yujie Zhou
Residence: Shanghai, China
Citizenship: China
Mailing Address: 402 Room, 6 Building, No. 318, Xiangyin Road
Yangpu District
Shanghai, China 200433

I Xiao fuy Wu (name) whose residential address is

252# Songhu Rd Shanghai PRC
was personally present and did see Yujie Zhou (name of person signing the assignment) who is personally known to me, execute the above assignment.

Xiao fuy Wu (signature of first witness)

Signed at Shanghai PRC (location of witness signature)

on this day 2/21 of 2019 (date of signature)

I Wei Dong (name) whose residential address is

252# Songhu Rd Shanghai PRC
was personally present and did see Yujie Zhou (name of person signing the assignment) who is personally known to me, execute the above assignment.

Wei Dong (signature of second witness)

Signed at Shanghai PRC (location of witness signature)

on this day 2/21 of 2019 (date of signature)