## 504274858 03/16/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4321540

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TIMOTHY M RAU	09/26/2014
MATTHEW NEUMANN	09/26/2014

### **RECEIVING PARTY DATA**

Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
Street Address:	11445 COMPAQ CENTER DRIVE WEST
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77070

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15511719

### **CORRESPONDENCE DATA**

Fax Number:

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:** (970) 898-7444

**Email:** hpe.ip.mail@hpe.com

Correspondent Name: HEWLETT PACKARD ENTERPRISE
Address Line 1: 3404 E. HARMONY ROAD MS 79
Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	90378076
NAME OF SUBMITTER:	BE HENRY
SIGNATURE:	/Be Henry/
DATE SIGNED:	03/16/2017

**Total Attachments: 2** 

source=90378076-Assignment#page1.tif source=90378076-Assignment#page2.tif

PATENT 504274858 REEL: 041592 FRAME: 0867

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PΔ	TFI	UT A	45	Þ	IC.	<b>4</b> T	N

RECORD ID:	83955972			

#### ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged,

### and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled: FAN CONTROLLED AMBIENT AIR COOLING OF EQUIPMENT IN A CONTROLLED AIRFLOW ENVIRONMENT March 16, 2017 **Application No.:** 15/511719 Filing Date: and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said I/we additionally authorize HPDC to file applications in my/our name for Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made; AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC; AND I/we hereby authorize and request the official of any country or countries whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment. I/we further authorize and direct the attorneys of record to insert the filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them. IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): 9/26/14 Date Inventor's Signature Timothy M. Rau First/Middle Name Last Name Date inventor's Signature Neumann Matthew

Last Name First/Middle Name Rev 8/2014 (Assignment) Page 1 of 1 HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT	<b>APPLICATION</b>

RECORD ID:	83955972
------------	----------

#### **ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas

subsidiaries and a	nip having its principal place of bu diffiliates, agree to assign and transfer e right, title and interest, including the	and hereby assign and tr	ansfer to HPDC, its successors and
FAN CONTROLL	ED AMBIENT AIR COOLING OF E	QUIPMENT IN A CONTRO	DLLED AIRFLOW ENVIRONMENT
Filing Date:	March 16, 2017	Application No.:	15/511719
divisionals, and re	s) and improvement(s) set forth there enewals of and substitutes for said ap which may be granted thereon or there	oplication for said Patent,	and any and all other Patent of any
by HPDC, its succeeding Patent respectively	illy authorize HPDC to file applications sessors, assigns, nominees or legal re- y may be granted, reissued or extende had this assignment, and transfer not b	presentatives, to the full en ed, as fully and entirely as	d of the term or terms for which said
executed and will time a request is n perfect the title to nominees or legal said invention(s) o papers, to execut rightful oaths and and legal represer improvement(s) in	aby covenant that I/we have full right to not execute any agreement in conflict I nade, and without undue delay, execute said invention(s) or improvement(s), said invention(s), said application and improvement(s), said application and all disclaimers and divisionals, contidectarations, and generally to do ever a latives to obtain and enforce, for its or any and all countries provided the ssistance are paid by HPDC;	nerewith, and I/we further or and deliver all such paper, id application and said Pate nmunicate to HPDC, or to it said Patent, to testify in ar inuations, C-I-P's, reissue ything possible to aid HPD their own benefit, proper pa	ovenant and agree that I/we will, each is as may be necessary or desirable to ent, to HPDC, its successors, assigns, is nominee, all known facts respecting by legal proceedings, to sign all lawful and foreign applications, to make all C, its successors, assigns, nominees atent protection for said invention(s) or
applications as aformation and application application and application application and application application and application	reby authorize and request the official presaid, to issue to HPDC, as assigned provement(s) which may be issued the terms of this assignment.	e of the entire right, title an	d interest, any and all Patent for said
	authorize and direct the attorneys of ent, now identified by the Record ID an		
IN WITNESS	WHEREOF, I/we hereunto set my/or	ar hand(s) and seal(s):	
Inventor's Signature		Date	
Timothy M.	Rau		
First/Middle Name	Last Name 4/1////////		26/14
Inventor's Signature		Date/	7 /
Matthew	Neumann		
First/Middle Name	Last Name		
Ray 8/3014 (Assignment)	De	ice 1 of 1	

Page 1 of 1

**PATENT REEL: 041592 FRAME: 0869**