# 505031219 08/01/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

tylesheet version v1.2

EPAS ID: PAT5077970

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SUNIL RAO GANTA PAPA RAO BALA	08/01/2018
RICHARD BARGERHUFF	08/01/2018
NABEEL FATHI	08/01/2018

#### **RECEIVING PARTY DATA**

Name:	Hewlett Packard Enterprise Development LP	
Street Address:	11445 Compaq Center Drive West	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77070	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16051337

#### **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:	90545446
NAME OF SUBMITTER:	TRACI THOMAS
SIGNATURE:	/Traci Thomas/
DATE SIGNED:	08/01/2018

## **Total Attachments: 6**

source=90545446\_AllAssignEXECUTED#page1.tif source=90545446\_AllAssignEXECUTED#page2.tif source=90545446\_AllAssignEXECUTED#page3.tif source=90545446\_AllAssignEXECUTED#page4.tif

PATENT 505031219 REEL: 046525 FRAME: 0906

source=90545446\_AllAssignEXECUTED#page5.tif source=90545446\_AllAssignEXECUTED#page6.tif

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

Rev 06/15

DA	TENT	ADDE	308	TION

RECORD ID:	90545446

## 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 Enterprise Development LP, a Texas Limited Partnership having its

transfer and here	business in Houston, Texas, (here by assign and transfer to HPED, i r, in, to and under an application fo	ts successors and assi			
FLEXIBLE HEAT	T TRANSFER MECHANISM CO	NFIGURATIONS			
Filing Date:	July 31, 2018	Applicatio	n No.: _	16/051,337	
divisionals, and r	e(s) and improvement(s) set forth renewals of and substitutes for s which may be granted thereon or	aid application for said	Patent,	and any and all other	Patent of any
by HPED, its suc Patent respective	ally authorize HPED to file applica cessors, assigns, nominees or leg ly may be granted, refssued or et had this assignment, and transfer	gal representatives, to to dended, as fully and e	the full er	nd of the term or terms	for which said
executed and will time a request is perfect the title to nominees or lega said invention(s) papers, to execu- rightful paths and and legal represe improvement(s) i	reby covenant that I/we have full rinot execute any agreement in comade, and without undue delay, esaid invention(s) or improvements I representatives, and I/we agree for improvement(s), said applicationte all disclaimers and divisionals, I declarations, and generally to dentatives to obtain and enforce, for any and all countries providerssistance are paid by HPED;	nflict herewith, and I/we kecute and deliver all si s), said application and to communicate to HPE in and said Patent, to le continuations, C-I-P's, everything possible to its or their own benefit,	o further couch paper I said Pate ED, or to it estify in an reissue aid HPE proper pa	ovenant and agree that is as may be necessary ent, to HPED, its succe ts nominee, all known firely legal proceedings, to and foreign application (D, its successors, assistent protection for said	I/we will, each or desirable to ssors, assigns, acts respecting sign all lawful is, to make all gns, nominees invention(s) or
applications as at invention(s) or in	reby authorize and request the of foresaid, to issue to HPED, as as approvement(s) which may be issue terms of this assignment.	signee of the entire rigi	ht, title an	id interest, any and all	Patent for said
	authorize and direct the attorney tent, now identified by the Record				
4	VHEREOF, I/wa hereunto set my/our l			1112018	
Inventor's Signature	9	:	Date		
Sunil Rao Ganta					
First/Middle Name/L	ast Name				
Inventor's Signature	3		Date		
Richard Bargerh	uff				
First/Middle Name/L	ast Name				

Page 1 of 2

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

## PATENT APPLICATION

Fort Collins, Colorado 80528	RECORD ID:	90545446
	ASSIGNMENT OF PATENT APPLICATION	V (cont.)
Inventor's Signature	Date	
Nabeel Fathi		
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		

Rev 06/15 Page 2 of 2

Hewlett Packard Enterprise 3404 E, Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

First/Middle Name/Last Name

Rev 06/15

m 4	THAT	A 222225	200	a marka
	V 2 200 X	EX MARKS	28.12	@ > >< >>

RECORD ID:	90545446

#### **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, Enterprise Development LP, a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPED), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPED, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

are uitur or birorin)	r, in, io and union all application for	raion antura.	
FLEXIBLE HEA	T TRANSFER MECHANISM COM	IFIGURATIONS	
Filing Date:	July 31, 2018	Application No.:	16/051,337
divisionals, and	renewals of and substitutes for sa	id application for said Patent, an	ions, continuations-in-part (C-I-P's), id any and all other Pistent of any examinations, or extensions of said
by HPED, its suc Patent respective	cessors, assigns, nominees or leg	al representatives, to the full end tended, as fully and entirely as th	any country, to be held and enjoyed of the term or lerms for which said le same would have been held and
executed and wiftime a request is perfect the title to nominees or legs said invention(s) papers, to executightful paths and legal represe improvement(s)	I not execute any agreement in con made, and without undue delay, ex a said invention(s) or improvement(s) if representatives, and I/we agree to or improvement(s), said application ite all disclaimers and divisionals, if declarations, and generally to do intatives to obtain and enforce, for i	iffict herewith, and I/we further covecute and deliver all such papers is , said application and said Paters communicate to HPED, or to its and said Paterit, to testify in any continuations, C-I-P's, reissue ar everything possible to aid HPED its or their own benefit, proper pate	ein assigned, and that I/we have not enant and agree that I/we will, each as may be necessary or desirable to t, to HPED, its successors, assigns, nominee, all known facts respecting legal proceedings, to sign all lawful nd foreign applications, to make all its successors, assigns, nominees ent protection for said invention(s) or ncurred by me/us in lending such
applications as a invention(s) or in	foresaid, to issue to HPED, as ass	signee of the entire right, title and	whose duty it is to issue patents on interest, any and all Patent for said utt of the application aforesaid, in
			ate and application number of said ras the same shall have been made
IN WITNESS	WHEREOF, I/we hereunto set my/our h	and(s) and seal(s).	
Inventor's Signatur	€	Date	
Sunil Rao Ganta	Papa Rao Bala		
First/Middle Name/	Last Name	··········	
La Linventor's Signatur	<i>\$-</i>	Date C	13.Aug.01
Richard Bargeri	nuff //		

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

## PATENT APPLICATION

Fort Collins, Colorado 80528	RECORD ID:	90545446
F	ASSIGNMENT OF PATENT APPLICATION (cont.	)
Inventor's Signature	Date	
Nabeel Fathi		
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		
Inventor's Signature	Date	
First/Middle Name/Last Name		
Inventor's Signature		
First/Middle Name/Last Name		
Inventor's Signature		
First/Middle Name/Last Name		

Rev 06/15 Page 2 of 2

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Fort

$\mathbf{r}$	٨	TEN	17	٨	DD!	10	۸	771	$\sim$	۸
100	ω			- 63		25 :	43		5 61	٠.

L. Harmony Road			
Stop 79			
Collins, Colorado 80528	RECORD ID:	90545446	

## **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 Enterprise Development LP, a Texas Limited Partnership having its

principal place of b transfer and hereb	business in Houston, Texas, (hereinafter Hi by assign and transfer to HPED, its succes in, to and under an application for Patent	PED), and to its subsidiarions ssors and assigns, the en	es and affiliates, agree to assign and	
FLEXIBLE HEAT	TRANSFER MECHANISM CONFIGUR	ATIONS		
Filing Date:	July 31, 2018	Application No.:	16/051,337	
divisionals, and re	<ul> <li>(s) and improvement(s) set forth therein, enewals of and substitutes for said appli which may be granted thereon or therefor</li> </ul>	cation for said Patent, a	nd any and all other Patent of any	
by HPED, its succeedable Patent respectivel	ally authorize HPED to file applications in recessors, assigns, nominees or legal reprey may be granted, reissued or extended, had this assignment, and transfer not beer	sentatives, to the full end as fully and entirely as th	of the term or terms for which said	
executed and will time a request is r perfect the title to nominees or legal said invention(s) of papers, to execut rightful oaths and and legal represer improvement(s) in	eby covenant that I/we have full right to co not execute any agreement in conflict her nade, and without undue delay, execute at said invention(s) or improvement(s), said a representatives, and I/we agree to common or improvement(s), said application and sale e all disclaimers and divisionals, continu- declarations, and generally to do everythe intatives to obtain and enforce, for its or the any and all countries provided the ex- ssistance are paid by HPED;	ewith, and I/we further count deliver all such papers application and said Pater unicate to HPED, or to its id Patent, to testify in any ations, C-I-P's, reissue along possible to aid HPED or own benefit, proper patent.	venant and agree that I/we will, each as may be necessary or desirable to nt, to HPED, its successors, assigns, nominee, all known facts respecting legal proceedings, to sign all lawful nd foreign applications, to make all t, its successors, assigns, nominees ent protection for said invention(s) or	
applications as afeinvention(s) or im	reby authorize and request the official of oresaid, to issue to HPED, as assignee of iprovement(s) which may be issued and ne terms of this assignment.	f the entire right, title and	interest, any and all Patent for said	
	authorize and direct the attorneys of rec ent, now identified by the Record ID and til			
IN WITNESS W	/HEREOF, I/we hereunto set my/our hand(s) ar	nd seal(s):		
Inventor's Signature		Date		
Sunil Rao Ganta F	<sup>p</sup> apa Rao Bala			
First/Middle Name/La	nst Name	<del></del>		
Inventor's Signature		Date		
Richard Bargerhu	ıff			
First/Middle Name/Last Name				

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Callins, Colorado 80528

## PATENT APPLICATION

Mail Stop 79 Fort Collins, Colorado 80528		RECORD ID: 90545446
A	ASSIGNMENT OF PATENT AP	PPLICATION (cont.)
/A		3/1/2018
Inventor's Signature		
Nabeel Fathi		
First/Middle Name/Last Name		<del></del>
Inventor's Signature		Date
First/Middle Name/Last Name	······································	
Inventor's Signature		Date
First/Middle Name/Last Name		••••
Inventor's Signature		Date
First/Middle Name/Last Name		
Inventor's Signature		Date
First/Middle Name/Last Name		
Inventor's Signature		Date
First/Middle Name/Last Name		

Page 2 of 2

Rev 06/15