## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Chandrakant Patel	03/31/2008
Cullen E Bash	03/31/2008
Ratnesh Kumar Sharma	03/31/2008
Amip J Shah	03/31/2008
Abdlmonem Beitelmal	03/31/2008

#### 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:	12935904

#### CORRESPONDENCE DATA

Fax Number: 9707784063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (541)715-8443

Email: pto.assignments@hp.com

Correspondent Name: Hewlett-Packard Company

Address Line 1: 3404 E. Harmony Road MS 35

Address Line 2: Intellectual Property Administration

Address Line 4: Fort Collins, COLORADO 80528

NAME OF SUBMITTER:

Ann Jesus

Total Attachments: 3

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> PATENT REEL: 029770 FRAME: 0203

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HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

Rev 10/07 (Assignment)

ATTORNEY DOCKET NO.

200703085-1

#### ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston,

Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do 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 Letters Patent of the United States entitled: MANAGEMENT SYSTEM OPERABLE UNDER MULTIPLE METRIC LEVELS Filing Date: September 30, 2010 Application No.: 12/935904 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 Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my/our name for Letters 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 Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by melus 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 liwe 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 Letters 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 Letters 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 Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States 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 Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States 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 serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office. NESS WHEREOF, I we hereunto set my/our hand(s) and seal(s): 03-3/- 2008

Date Assignment Signed

03-3/- 2008

Date Application Signed Inventor's Signature (Seal) Chandrakant Patel Inventor's Typed Name State of SS. County of ) , personally appeared Chandrakant Patel who is personally day of known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed. NAMES PROPERTY

Page 1 of 3

My Commission Expires:

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

## PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_

200703085-1

# ASSIGNMENT OF PATENT APPLICATION (cont.)

in witness whereof,	l/we hereunto set my/our hand(	(s) and seal(s):	
Inventor's Signature (Seal)		Date Assignment Signed	
Cullen E. Bash		Philor	
Inventor's Typed Name		Date Application Signed	<del></del>
State of	) }		
County of	· · · · · · · · · · · · · · · · · · ·		
Before me thisday of	, personally appeared	Cullen E. Bash	who is personally
known or proved to me on the bas assignment to be his/her free act an		the person who acknowledged the	foregoing instrument of
	p awart;	Notary Priblic My Commission Expires:	:
	<u> </u>	03/31/0	8
Inventor's Signature (Seal)		Date Assignment Signed	W. Com
Ratnesh Kumar Sharma		<u> 03/31</u> /	OS
Inventor's Typed Name		Date Application Signed	
State of	) }*ss::		
County of	<b>)</b>		
Before me this day of	, personally appeared	Ratnesh Kumar Sharma	who is personally
known or proved to me on the bas assignment to be his/her free act an	sis of satisfactory evidence to be	the person who acknowledged the	foregoing instrument of
i mana n <del>gelan</del> a ngamang manang masa na sahilan na mga kalay masa nusik da masas. Tanggaran	1.54.04.08	Notary Public	
		My Commission Expires	
Janh 1 21		02/31/2008	
Inventor's Signature (Seal)		Date Assignment Signed	
Aut. Politi		03/31/2008	
Amip J. Shah Inventor's Typed Name		Date Application Signed	
State of	<b>)</b> :		
County of	) ss.; )		1
Before me this day of	, personally appeared	Amip J. Shah	who is personally
known or proved to me on the bas assignment to be his/her free act an		the person who acknowledged the	foregoing instrument of
		Notary Public	
Rev 10/07 (Assignment)	Page 2 of 3	My Commission Expires  3	6 5

PATENT

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#### PATENT APPLICATION

ATTORNEY DOCKET NO. 200703085-1

# **ASSIGNMENT OF PATENT APPLICATION (cont.)**

Man 1	F, I/we hereunto set my/our hand(s)	Date Assignment Signed
Inventor's Signature (Seal)		
Abdimonem Beitelmal		03/31/2018
nventor's Typed Name		Date Application Signed
State of	) ) ss.:	
County of	<b>)</b>	
Before me thisday of	, personally appeared	Abdimonem Beitelmal who is personally
known or proved to me on the bi assignment to be his/her free act a		he person who acknowledged the foregoing instrument of
		Notary Public
		My Commission Expires:
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Inventor's Signature (Seal)		Date Assignment Signed
Inventor's Typed Name		Date Application Signed
State of	· <b>j</b> .	
	) ss.:	
County of	3.	
Before me this day of	, personally appeared	who is personally
known or proved to me on the b assignment to be his/her free act a		the person who acknowledged the foregoing instrument of
		Notary Public
		My Commission Expires:
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Inventor's Signature (Seal)		Date Assignment Signed
Foresting, Toward Marine		Date Application Signed
Inventor's Typed Name		Date Opplication Signed
State of	<b>)</b>	
A . 3 . 66	) ss.:	
County of		Gac 83 x 45 5 4 29 5ac
Before me this day of known or proved to me on the b	personally appeared asis of satisfactory evidence to be to	who is personally the person who acknowledged the foregoing instrument of
assignment to be his/her free act a		
		Notary Public My Commission Expires:
Ray 10/07 (Assignment)	Page 3 of 3	o at the second

**PATENT REEL: 029770 FRAME: 0206** 

**RECORDED: 02/07/2013**