PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrew J. Phelan	09/28/2010
Michael Stearns	09/28/2010
Minh H. Nguyen	09/28/2010
Chanh V. Hua	09/28/2010
Raghavan V. Venugopal	09/28/2010
David P. Mohr	09/28/2010

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:	12892300

CORRESPONDENCE DATA

501303748

(970)778-4063 Fax Number:

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

(970)898-4728 Phone: Email: jerry.shorma@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: Jason P. Lorfing

PATENT

REEL: 025054 FRAME: 0729

Total Attachments: 2

source=201000881-1-A#page1.tif source=201000881-1-A#page2.tif

> PATENT REEL: 025054 FRAME: 0730

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

PATENT APPLICATION

ATTORNEY DOCKET NO. _____201000881-1

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 subsidiaries and affiliates, and do hereby assign and transfer to HPD title and interest, including the right of priority, in, to and under an appentitled:	C, its successors and assigns, the entire right,
PASSIVE IMPEDANCE MATCHING	
Filing Date: Applicat	
and the invention(s) and improvement(s) set forth therein, and any a P's), divisionals, and renewals of and substitutes for said application Patent of the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my/or held and enjoyed by HPDC, its successors, assigns, nominees or leg	for said Letters Patent, and any and all Letters may be granted thereon or therefore; and any ur name for Letters Patent in any country, to be
terms for which said Letters Patent respectively may be granted, relisance would have been held and enjoyed by me/us had this assignme AND I/we hereby covenant that I/we have full right to convey we have not executed and will not execute any agreement in conflict	ssued or extended, as fully and entirely as the ent, and transfer not been made; y the entire interest herein assigned, and that I/
that I/we will, each time a request is made, and without undue delay, necessary or desirable to perfect the title to said invention(s) or impeatent, to HPDC, its successors, assigns, nominees or legal representation or to its nominee, all known facts respecting said invention(s) Letters Patent, to testify in any legal proceedings, to sign all lawful pacontinuations, C-I-P's, reissue and foreign applications, to make all rido everything possible to aid HPDC, its successors, assigns, nomenforce, for its or their own benefit, proper patent protection for said	execute and deliver all such papers as may be provement(s), said application and said Letters sentatives, and I/we agree to communicate to or improvement(s), said application and said pers, to execute all disclaimers and divisionals, ightful oaths and declarations, and generally to inces and legal representatives to obtain and
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 and any official of any country or countries foreign to the United applications as aforesaid, to issue to HPDC, as assignee of the en Patent for said invention(s) or improvement(s), including any and all be issued and granted on or as a result of the application aforesaid, in I/we further authorize and direct the attorneys of record to application now identified by the attorney docket number and title septement of the provided in the patent and the paten	States whose duty it is to issue patents on tire right, title and interest, any and all Letters Letters Patent of the United States which may accordance with the terms of this assignment. Insert the serial number and filing date of said at forth above as soon as the same shall have
$= \langle r \rangle \lambda / \sqrt{R} H$	alone
MAN WA	タイと3で201つ Date Assignment Signed
Inventor's Signature	Date Assignment Signed
Andrew James Phelan	9/28/2011
Inventor's Typed Name	Date Application Signed
Inventor's Signature Michael Stearns	Sept. 18, 2010 Date Assignment Signed 25, 4, 49, 2010
Inventor's Typed Name	Date Application Signed
Rev 10/09 (Assignment) Page 1 of 2	

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 201000881-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

AGGIOIANEM OF THE MARKET OF TH	, ,
Inventor's Signature	Date Assignment Signed
Inventor's Signature	Date Assignment Signed 1
Minh H. Nguyen Inventor's Typed Name	Date Application Signed
Inventor's Signature Chanh V. Hua Inventor's Typed Name	Date Askignment Signed 2 2 2 2 2 Date Application Signed
Inventor's Signature	Sept. 28th, 2010 Date Assignment Signed
Raghavan V. Venugopal	Date Application Signed
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed 9/38/3010 Date Application Signed
David Paul Mohr	Date Application Signed
Inventor's Typed Name	Date Assignment Signed
inventor a digitality	Date Application Signed
Inventor's Typed Name	Date Ophication 9.3
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed

Rev 10/09 (Assignment)

RECORDED: 09/28/2010

Page 2 of 2