#### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Huei Pei Kuo	11/17/2008
Jing Tang	11/17/2008
Fung Suong Ou	11/17/2008
Zhiyong Li	10/17/2008
Shih-Yuan Wang	11/17/2008

#### **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:	13129571

## **CORRESPONDENCE DATA**

Fax Number: (970)778-4063

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

Phone: (970)898-4728

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: Heather Ellis

Total Attachments: 6

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PATENT REEL: 026293 FRAME: 0693 13129571

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> PATENT REEL: 026293 FRAME: 0694

PATENT APPLICATION

200802391US01

ATTORNEY DOCKET NO.

200802391-1

#### **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,

entitled:	est, including the right	•		r Letters Patent of the Uni	ted States
Filing Date:	November 17, 2008			PCT/US2008/083827	
and the inven P's), divisiona Patent of the reissues, or re	tion(s) and improvements, and renewals of an United States and of examinations, or extensions.	ent(s) set forth therein, d substitutes for said a countries foreign there nsions of said Letters F	application for said Le eto which may be gra Patent	inuations, continuations-in tters Patent, and any and anted thereon or therefore Letters Patent in any cou	all Letters e; and any
held and enjoy terms for whice same would held have not est that I/we will, necessary or Patent, to HP HPDC, or to include the continuations, do everything enforce, for its countries propaid by HPDC	yed by HPDC, its success said Letters Patent ave been held and enjout live hereby covenant executed and will not eleach time a request is desirable to perfect the DC, its successors, at somminee, all known to testify in any legal C-I-P's, reissue and for possible to aid HPD is or their own benefit, yided the expenses where	ressors, assigns, nominal respectively may be good by me/us had this that I/we have full right execute any agreement made, and without under title to said inventions in the second proceedings, to sign a coreign applications, to C, its successors, assigned proper patent protect in the may be incurred the second proceed in the second proceedings.	nees or legal represer tranted, reissued or exassignment, and train to convey the entire tin conflict herewith, adue delay, execute arn(s) or improvement(segal representatives, invention(s) or improvement lawful papers, to examake all rightful oathesigns, nominees and ion for said invention(sy me/us in lending signs).	itatives, to the full end of t xtended, as fully and entit	the term or rely as the and that I/ and agree as may be aid Letters funicate to an and said divisionals, enerally to obtain and any and all stance are
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Rev 10/08 (Assignm	ent)	Page 1	M	tary Public y Commission Expires:	

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**PATENT APPLICATION** 

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

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Jing TANG		Date Application Signed
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Before me this day of	, personally appeared	Jing TANG who is personally
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Inventor's Typed Name		Date Application Signed
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Before me this day of	, personally appeared	Zhiyong LI who is personally
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PATENT APPLICATION 200802391US01

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

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Shih-Yuan WANG		Date Application Signed	<del></del>
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Rev 10/08 (Assignment)	Page 3 of 3		

PATENT APPLICATION 200802391US01 ATTORNEY DOCKET NO. 200802391-1

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:

**ASSIGNMENT OF PATENT APPLICATION** 

title and interest, including the right of priority, in, to an entitled:	d under an application for Letters Patent of the United States
A SUBSTRATE FOR SURFACE ENHANCED RAMAN	SCATTERING (SERS)
Filing Date: November 17, 2008	_ Application No.: PCT/US2008/083827
P's), divisionals, and renewals of and substitutes for sa Patent of the United States and of countries foreign to reissues, or reexaminations, or extensions of said Letter I/we additionally authorize HPDC to file application held and enjoyed by HPDC, its successors, assigns, not terms for which said Letters Patent respectively may be same would have been held and enjoyed by me/us have AND I/we hereby covenant that I/we have full we have not executed and will not execute any agreent that I/we will, each time a request is made, and without necessary or desirable to perfect the title to said inve Patent, to HPDC, its successors, assigns, nominees HPDC, or to its nominee, all known facts respecting successors, and foreign applications do everything possible to aid HPDC, its successors, enforce, for its or their own benefit, proper patent procountries provided the expenses which may be incurred by HPDC;  AND I/we hereby authorize and request the Cand any official of any country or countries foreign applications as aforesaid, to issue to HPDC, as assignated and granted on or as a result of the application I/we further authorize and direct the attorney application now identified by the attorney docket numbeen made known to them by the United States Patent IN WITNESS WHEREOF, I/we hereunto set my/or	ations in my/our name for Letters Patent in any country, to be ominees or legal representatives, to the full end of the term or be granted, reissued or extended, as fully and entirely as the this assignment, and transfer not been made; right to convey the entire interest herein assigned, and that I/ment in conflict herewith, and I/we further covenant and agree a undue delay, execute and deliver all such papers as may be intion(s) or improvement(s), said application and said Letters or legal representatives, and I/we agree to communicate to aid invention(s) or improvement(s), said application and said in all lawful papers, to execute all disclaimers and divisionals, to make all rightful oaths and declarations, and generally to assigns, nominees and legal representatives to obtain and tection for said invention(s) or improvement(s) in any and all ted by me/us in lending such cooperation and assistance are commissioner of Patents and Trademarks of the United States to the United States whose duty it is to issue patents on nee of the entire right, title and interest, any and all Letters and any and all Letters Patent of the United States which may on aforesaid, in accordance with the terms of this assignment, so frecord to insert the serial number and filing date of said over and title set forth above as soon as the same shall have and Trademark Office.  **Irr hand(s) and seal(s):**
Inventor's Signature (Seal)	Date Assignment Signed
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Inventor's Typed Name	Date Application Signed
State of ) ss.:	
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Before me thisday of, personally appeared	
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PATENT REEL: 026293 FRAME: 0698

My Commission Expires:

PATENT APPLICATION 200802391US01 200802391-1

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

#### IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal)		Date Assignment Signed	Date Assignment Signed	
Shih-Yuan WANG				
Inventor's Typed Name		Date Application Signed		
State of	) ) ss.:			
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Before me this day of	, personally appeared	Shih-Yuan WANG	who is personally	
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PATENT APPLICATION

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### ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I'we hereunto set my/our hand(s) and seel(s):

Inventor's Signature (Seal)		Date Assignment Signed		
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Inventor's Typed Name		Date Application Signed		
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RECORDED: 05/17/2011