ATTORNEY DOCKET NO. 200406635-1

U.S. DEPARTMENT OF COMMERCE

	Patent and Trademark Offic			
RECORDATION FORM COVER SHEET				
PATE	NTS ONLY			
Name of conveying party(ies):	Name and address of receiving party(ies):			
Zhiyong Li Wei Wu	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070			
Shih-Yuan Wang				
Critic-1 dati vvalig				
Additional name(s) of conveying party(ies) attached?	Additional name(s) and address(as) allached?			
3. Nature of Conveyance:	valuonamana(a) and address(es) attached: Tes Mino			
■ Assignment	of Name Security Agreement Joint			
Other	· -			
Execution Date(s):01/16/2007; 01/12/2007; 01/12/2007				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, execution date of the application is:				
A. Patent Application No.(s)	•			
Application No.: 11/584,020 Date Filed: 10/20/2006				
Confirmation No.: 5458 B. Patent No.(s);				
Additional numbers attached? <u>NO</u>				
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1			
concerning document should be mailed:	7. Total Fee (37 CFR 3.41); \$40.00			
Records Manager Intellectual Property Administration	Enclosed			
HEWLETT-PACKARD COMPANY P.O. Box 272400	X_Authorization to be charged to deposit account.			
Fort Collins, Colorado 80527-2400	8. Deposit Account Number: <u>08-2025</u>			
9. Statement and signature,				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
//.	A 2 2/1/12			
Ann Jesus				
Name of Person Signing Signature Date				
Total number of pages including coversheet, attachments, and documents: 3				
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450				
Page 1 of 1				

Rev 10/06& (RécdAsgn)

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

ATTORNEY DOCKET NO.

200406635-1

## **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:

Systems And Methods For Detection Of Ramin Scattered Photons

Filing Date: Oct 20, 2006

Application No.: 11/684020

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 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 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.

IN WITNESS WHEREC	OF, Jone hereunto set my/our hand(s) :		£00-
inventor's Signature (Seal)		Date Assignment Signed	
Zhiyong Li Inventor's Typed Name		Date Application Signed	12007
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Zhiyong Li	who is personally
known or proved to me on the tassignment to be his/her free act	pasis of satisfactory evidence to be the and deed,	s person who acknowledged the	foregoing instrument of
Pay 20/063 (Accionment)	Page 1 of 2	Natery Public My Commission Expire:	;;

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200406635-1

## ASSIGNMENT OF PATENT APPLICATION (cont.)

IN MATERIA AND INCOME.		· DOATION (COILE)
IN WITNESS TWHEREOF, I/W	e hereunto set my/our hand(s) <	and seal(s): (//2/2007  Date Assignment Signed  1//2/2007
Inventor's Signature (Seal)	<del></del>	Date Assignment Signed
Wei Wu		11/2/2007
Inventor's Typed Name	<del></del> "	Date Application Signed
State of	)	
County of	) 55.: )	
Before me this day of	_, personally appeared	Wel Wu who is personal
known or proved to me on the basis of	f satisfactory evidence to be th	e person who acknowledged the foregoing instrument
assignment to be his/her free act and de	eo.	
		Notary Fublic My Commission Expires;
This year b	Deur	1/12/07
Inventor's Signature (Scal)	<del>-</del>	Date Assignment Signed
Shih-Yuan Wang	•	1/12-107
Inventor's Typed Name	<u> </u>	Date Application Signed
	1	•
State of	)	
County of	) SS.: )	
Before me thisday of	, personally appeared	Shih-Yuan Wang who is personal
known or proved to me on the basis of assignment to be his/her free act and de-	f satisfactory evidence to be the	s person who acknowledged the foregoing instrument of
		Notary Public
	·	My Commission Expires:
I		
Inventor's Signature (Seal)	<del>"</del>	Date Assignment Signed
Inventor's Typed Name		Date Application Signed
State of	1	
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known or proved to me on the basis of assignment to be his/her free act and dea	f satisfactory evidence to be the ed.	e person who acknowledged the foregoing instrument o
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Ray 10/08a (Assignment)	Page 2 of 2	My Commission Expires:

## **PATENT**