ATTORNEY DOCKET NO. 200503866-1

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET		
PATENTS ONLY		
Name of conveying party(ies):	Name and address of receiving party(ies):	
Wei Wu Shih-Yuan Wang Alexandre M Bratkovski	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070	
Alexandre IVI bratkovski		
	,	
Additional name(s) of conveying party(ies) attached? Yes No	Additional name(s) and address(es) attached?	
3. Nature of Conveyance:	_	
■ Assignment	f Name ☐ Security Agreement ☐ Joint	
□Other		
Execution Date(s):01/12/2007; 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.: 11/584,320 Date Filed: 10/20/2006 Confirmation No.: 5011 B. Patent No.(s): Additional numbers attached? NO 5. Name and address of party to whom correspondence 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: 08-2025	
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. 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		
Tago 1 VI)		

Rey 10/08a (RecdAsgn)

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

Rev 10/06a (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. _

200503866-1

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: Random Negative Index Material Structures In A Three-dimensional Volume Filing Date: Oct 20, 2006 Application No.: 11/584320 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 l/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 filling 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. WITNESS,WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed Inventor's Signature (Seal) Wel Wu Inventor's Typed Name State of)) ss.: County of Wel Wu who is personally , personally appeared 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. Notary Public My Commission Expires:

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PATENT APPLICATION

ATTORNEY DOCKET NO. _____200503866-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF	, I/we hereunto set my/our hand(s	and seal(s):
	an wary	I I U O I
Inventor's Signature (Seal)	¥	Date Assignment Signed
Shih-Yuan Wang		
Inventor's Typed Name	•	Date Application Signed
State of	١	
Otale 4	,) 55.:	
County of)	
Before me thisday of	, personally appeared	Shih-Yuan Wang who is personally the person who acknowledged the foregoing instrument of
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be	the person who acknowledged the foregoing instrument or
assignment to be his/her lifee act a	ing deed.	Notary Fublio
		My Commission Expiros:
Almatlovski		1/12/2007
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Inventor's Signature (Seal)		
Alexandre M. Bratkovski	··	
inventor's Typed Name		Date Application Signed
Skata of	\	
State of) ss.:	
County of	,	
Before me thisday of	, personally appeared	Alexandre M. Bratkovski who is personally
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-		Notary Public My Commission Expires:
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Inventor's Typed Name		220.49113301.4-3
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