08-07-2007 **PARTMENT OF COMMERCE** 200700252-1 ATTORNEY DOCKET NO. atent and Trademark Office RECOR 103434636 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. Wei Wu 20555 SH 249 Houston, TX 77070 Shih-Yuan Wang Alexandre M. Bratkovski Theodore I. Kamins Additional name(s) of conveying party(les) attached? Yes No Additional name(s) and address(es) attached? Yes No 3. Nature of Conveyance: **⊠** Assignment Merger Joint ☐ Change of Name Security Agreement Other Execution Date(s): 7/17/2007, 7/19/2007, 7/20/2007, and 7/23/2007

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: July 25, 2007 A. Patent Application No.(s) Date Filed: Application No.: Confirmation No.: B. Patent No.(s): Additional numbers attached? NO 6. Total number of applications and patents involved: 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 Enclosed Intellectual Property Administration HEWLETT-PACKARD COMPANY X_Authorization to be charged to deposit account. P.O. Box 272400 8. Deposit Account Number: 08-2025 Fort Collins, Colorado 80527-2400 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. Vaughn W. North Name of Person Signing Total number of pages including coversheet, attachments, and documents: 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 3

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

PATENT APPLICATION

ATTORNEY DOCKET NO. __

200700252-1

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:

entitled:	MENT, METHODS OF MAKING	•••	ant of the Onited States
Filing Date:	Ann	liantion No.	
and the invention(s) and improve P's), divisionals, and renewals of Patent of the United States and	vernent(s) set forth therein, and a of and substitutes for said applica d of countries foreign thereto wh extensions of said Letters Patent.	ition for said Letters Patent ich may be granted therec	, and any and all Letters
held and enjoyed by HPDC, its terms for which said Letters Pasame would have been held and AND I/we hereby cover we have not executed and will that I/we will, each time a requencessary or desirable to perfer Patent, to HPDC, its successor HPDC, or to its nominee, all known that I/we will, each time a requencessary or desirable to perfer Patent, to HPDC, its successor HPDC, or to its nominee, all known the Letters Patent, to testify in any continuations, C-I-P's, reissue and everything possible to aid enforce, for its or their own becountries provided the expense paid by HPDC; AND I/we hereby auth and any official of any countries provided the expense paid by HPDC; AND I/we hereby auth and any official of any countries provided invention(s) or its lessued and granted on or as I/we further authorize application now identified by the	rize HPDC to file applications in a successors, assigns, nominees of atent respectively may be granted denjoyed by me/us had this assignant that I/we have full right to contexecute any agreement in contexecute any agreement in context is made, and without undue detect the title to said invention(s) or assigns, nominees or legal removal facts respecting said inventing and foreign applications, to make HPDC, its successors, assigns, nefit, proper patent protection for as which may be incurred by medical for and request the Commission or countries foreign to the United States Patent and Traditional Tra	r legal representatives, to till, reissued or extended, as imment, and transfer not beconvey the entire interest heroflict herewith, and I/we furtillar, execute and deliver all r improvement(s), said appearesentatives, and I/we all rightful oaths and decla nominees and legal represented invention(s) or improvius in lending such cooperatives in lending such cooperatives and tested States whose duty if e entire right, title and intered all Letters Patent of the lead, in accordance with the test to insert the serial numbite set forth above as soon	ne full end of the term or fully and entirely as the en made; rein assigned, and that I/ ther covenant and agree a such papers as may be lication and said Letters gree to communicate to raid application and said claimers and divisionals, rations, and generally to sentatives to obtain and vement(s) in any and all ation and assistance are rarks of the United States is to issue patents on rest, any and all Letters United States which may erms of this assignment, er and filing date of said
IN-WITNESS WHEREON	F, I/we hereunto set my/our hand(s)	and seal(s):	シューフ
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inventor's Signature (Seal)	\smile	Date Assignment Sign	12007 3/2007
Wei Wu			37 2.00
Inventor's Typed Name		Date Application Signe	d
State of)) ss.:		
County of)		
Before me this day of	, personally appeared	Wei Wu	who is personally
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be the	ne person who acknowledged	the foregoing instrument o
		Notary Public	<u> </u>
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Pay 10/08s (Assignment)	Page 1 of 2		

ATTORNEY DOCKET NO. 200700252-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

	I/we hereunto set my/our hand(s)	and seal(s):	
Shohyuan	1stre	7/70/7000	,
Inventor's Signature (Seal)		7/78/7007 Date Assignment Signed	
	V	7/2-10:00	-
Shih-Yuan Wang		7/20/200	
Inventor's Typed Name		Date Application Signed	•
State of)		
Country of) ss.:		
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	, personally appeared		who is personally
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Alexandre M. Bratkovski		7/17/20	07
Inventor's Typed Name		Date Application Signed	
State of)		
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County of)		
Before me this day of	, personally appeared	Alexandre M. Bratkovski	who is personally
known or proved to me on the bas		he person who acknowledged the	foregoing instrument of
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Theodore O. Kan	nine	Date Assignment Signed	
Inventor's Signature (Seal)		Date Assignment digned	
Theodore I. Kamins		7/19/2007	7
Inventor's Typed Name		Date Application Signed	
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) ss.:		
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o c this dougt	, personally appeared	Theodore I. Kamins	who is personally
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	Page 2 of 2	= -	
Rev 10/06a (Assignment)	-		

RECORDED: 07/25/2007