TTORNEY DOCKET NO. 200702224-2	1	0-10-	2008		NT OF COMMERC d Trademark Offic	
RECC						
. Name of conveying party(ies):	1	03529	193	ng party(ie	e).	
Suk Hwan Lim		2. Nume a				
Pravel Kisilev		20555 8		DEVELOPMENT	COMPANY, L.P.	
Additional name(s) of conveying party(ies) attached?	□v [☑]N-	Additional m	omo(a) and addre	oo(oo) attached?	□v <b>⊡</b> v-	
. Nature of Conveyance:	Tes Mino	Additional	ame(s) and addre	ss(es) allacheur	Tes _A_INO	
X Assignment	☐ Change of	of Name	Secur	ity Agreement	☐ Joint	
Other	0	-	<del></del>	, ,		
execution Date(s):1/08/07; 1/10/08 respectively						
. Application number(s) or patent number(s):					i	
If this document is being filed together with a	new application	on, execution	n date of the ap	plication is:		
A. Patent Application No.(s)						
Application No.: 12/236261	Date Filed:	: 09/23/08				
Confirmation No.:	B. Patent N	No.(s):			The same of the sa	
Additional numbers attached? NO					<u> </u>	
. Name and address of party to whom correspo	ondence	6. Total nu	mber of applica	tions and patent	s involved: 1	
concerning document should be mailed:		7. Total Fee (37 CFR 3.41):\$40.00				
Records Manager		En	closed			
Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400				n aleman a M		
		X_Authorization to be charged to deposit account.  8. Deposit Account Number: 08-2025				
Statement and signature.		o. Deposit	Account Numb	per: <u>U8-2U25</u>		
To the best of my knowledge and belief, the fo	oregoing infor	rmation is tru	e and correct a	nd any attached	copy is a true	
copy of the original document.						
Debbie Syrmis  Name of Person Signing	Dusign	LAMMIS LAMMIS Latyre	<u>`</u>	October 6		
Total number of pages includ	ing covershe	et, attachme	nts, and docum	ents:4		
Decuments to be recorded (including	g cover shee	t) should be	faxed to (571) 2	273-0140, or mai	led to:	
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Mail Stop Assignment Recordation Services	s, Director of	the USPTO, at 1 of 1	P.O. Box 1450	, Alexandria, V.A	. 22313-1450	
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PATENT REEL: 021675 FRAME: 0350

Rev 10/07 (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO.

200702224-9-

## **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:

LUCAL CONTRAST	ENHANCEMENT OF	MAGES				
Filing Date:  and the invention(s) a P's), divisionals, and a Patent of the United reissues, or reexaminative addition held and enjoyed by a terms for which said a same would have been	and improvement(s) serenewals of and substitutions, or extensions of ally authorize HPDC to HPDC, its successors, Letters Patent respection held and enjoyed by the property of and will not execute a series of the execute and will not execute a series of the execute and will not execute a series of the execute and will not execute a series of the execute and will not execute a series of the execute and will not execute a series of the execute and will not execute a series of the execute and will not execute.	ot forth therein tutes for said as foreign ther f said Letters I o file applicatio assigns, nomi ively may be o me/us had the re have full rig	application for reto which m Patent. ons in my/our inees or legal granted, reiss is assignmen ht to convey	d all continual or said Letters ay be granted name for Let representative under the entire interior interior interior said transfer the entire interior said Letters in the letters in	Patent, and and thereon or the ters Patent in a res, to the full edd, as fully are not been maderest herein ass	tions-in-part (C-l- ny and all Letters erefore; and any ny country, to be nd of the term or id entirely as the a; igned, and that I/
necessary or desirable Patent, to HPDC, its HPDC, or to its nominulations, C-I-P's do everything possible enforce, for its or the countries provided the paid by HPDC;  AND I/we have and any official of a applications as afored Patent for said inventible issued and granted I/we further application now identical enterior in the insued and granted application now identical enterior in the insued and granted application now identical enterior in the insued and granted application now identical enterior in the insued and granted in the insued and granted application now identical enterior in the insued and granted in the insued in th	ne a request is made, a le to perfect the title to successors, assigns, nee, all known facts relify in any legal proceed, reissue and foreign a le to aid HPDC, its sir own benefit, proper e expenses which matereby authorize and recondition(s) or improvement don or as a result of the authorize and direct the ified by the attorney do them by the United State.	o said invention nominees or especting said dings, to sign applications, to uccessors, as patent protectly be incurred quest the Comes foreign to C, as assigned (s), including the attorneys cocket number	on(s) or impro- legal represe l invention(s) all lawful pape o make all rig usigns, nomination for said by me/us in missioner of the United S e of the entite any and all L aforesaid, in a of record to in and title set	overnent(s), sentatives, and or improvement, to execut htful oaths an ees and legalinvention(s) oldending such Patents and States whose re right, title a etters Patent accordance wasert the serial forth above a	aid application I/we agree to ent(s), said apple all disclaiment id declarations, il representative r improvement cooperation and frademarks of the duty it is to it and interest, and of the United S ith the terms of ith	and said Letters communicate to oblication and said s and divisionals, and generally to es to obtain and s) in any and all d assistance are the United States saue patents on y and all Letters tates which may this assignment.
Qi do	WHEREOF, I'we hereun	to set my/our h	nand(s) and se		P/2001) ent Signed	
Inventor's Signaturé (Sè	al)					
Suk Hwan Lim Inventor's Typed Name				Date Application	2/200	All a Hamman and a second a second and a second a second and a second a second and a second and a second and
involtor o Typou Tumo						
State of		)				
County of		) ss.: )				
Before me thisday	of, persor	nally appeared_	<u> </u>	Suk Hwan Lir	n	who is personally
known or proved to me assignment to be his/he	on the basis of satisfact free act and deed.	ctory evidence t	to be the pers	on who acknow	vledged the fore	going instrument of
-			_	Notary P My Com	ublic mission Expires:	

Page 1 of 2

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200702224-3

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

IN WITHESS WHEREOF,	I/we hereunto set my/our hand(s	and seal(s):	
\XX		10 Jan 2008	
Inventor's Signature (Seal)		Date Assignment Signed	
		10, Jan 2008	
Pavel Kisilev		Date Application Signed	Manager -
Inventor's Typed Name		Date Application Signed	
State of	1		
	) ss.:		
County of	}		
Before me this day of	, personally appeared	Pavet Kisilev who	o is personally
	sis of satisfactory evidence to be t	ne person who acknowledged the foregoing	•
		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Stened	
inventors signature (sear)		Date Assignment Signed	
Inventor's Typed Name		Date Application Signed	
State of	)		
O such at	) ss.:		
County of	)		
Before me thisday of	, personally appeared		is personally
assignment to be his/her free act and		e person who acknowledged the foregoing	instrument of
		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me thisday of	, personally appeared		is personally
known or proved to me on the bas assignment to be his/her free act and		e person who acknowledged the foregoing	instrument of
		Notary Public	
23	Page 2 of 2	My Correlassion Expires.	
Rev 10/07 (Assignment)			

**PATENT REEL: 021675 FRAME: 0352** 

**RECORDED: 10/09/2008**