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1. Name of conveying party(ies):	2. Name and	103636300	·	
Lars Thylen		, , , , , , , , , , , , , , , , , , ,		
Alexandre Bratkovski		PACKARD DEVELOPMENT COM pag Center Drive West	IPANY, L.P.	
Shih-Yuan Wang	Houston, T		oordati	
R Stanley Williams		ort of	Recordation	
N Starrey Villaria		(a)	received of	
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Additional name(s) of conveying party(ies) attached?  Yes  X	No Additional nom	e(s) and address(as) attached?	es Who	
3. Nature of Conveyance:	and Additional light	e(s) and address(es) attached?	es ×No	
	ge of Name	Security Agreement	☐ Joint	
Other	, , , , , , , , , , , , , , , , , , , ,			
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Execution Date(s):10/27/2009; 10/27/2009; 10/27/2009; 1	0/29/2009			
Application number(s) or patent number(s):				
If this document is being filed together with a new applic	cation, execution o	ate of the application is:		
A. Patent Application No.(s)	•			
	led: Sept 23, 2011			
	nt No.(s):			
D. Fate	int 140.(3).			
Additional numbers attached? NO		The second secon		
5. Name and address of party to whom correspondence	6. Total num	per of applications and patents inv	rolved: 1	
concerning document should be mailed:	7. Total Fee	7. Total Fee (37 CFR 3.41): \$40.00		
Records Manager Intellectual Property Administration	Enclo	sed		
HEWLETT-PACKARD COMPANY	X Auth	prization to be charged to deposit	account	
3404 E. Harmony Road Mail Stop 35		ccount Number: 08-2025		
Fort Collins, Colorado 80528	O. Boposity	30 2020		
9. Statement and signature.				
To the best of my knowledge and belief, the foregoing in	nformation is true	and-sorract and any attached con	, is a true	
copy of the original document.	normation is true	/	İ	
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Debbie Syrmis  Name of Person Signing  S	Gianature/	01 FC:8021 November:23-12	011	
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

## PATENT APPLICATION

ATTORNEY DOCKET NO.

200902405-1 (82853237)

## **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:	
OPTOELECTRONIC LIGHT EXPOSURE MEMORY	
Filing Date: 9/23/2011 Apr	olication No.: 13/259/96
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 applica-	
Patent of the United States and of countries foreign thereto wi	nich 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 I	my/our name for Letters Patent in any country, to be
held and enjoyed by HPDC, its successors, assigns, nominees of	or legal representatives, to the full end of the term or
terms for which said Letters Patent respectively may be granted	d, reissued or extended, as fully and entirely as the
same would have been held and enjoyed by me/us had this assi-	gnment, and transfer not been made
AND I/we hereby covenant that I/we have full right to o	onvey the entire interest herein assigned, and that I/
we have not executed and will not execute any agreement in co	nflict herewith, and I/we further covenant and agree
that I/we will, each time a request is made, and without undue d	elay, execute and deliver all such papers as may be
necessary or desirable to perfect the title to said invention(s) o	r improvement(s), said application and said Letters
Patent, to HPDC, its successors, assigns, nominees or legal r	epresentatives, and I/we agree to communicate to
HPDC, or to its nominee, all known facts respecting said invent	tion(s) or improvement(s), said application and said
Letters Patent, to testify in any legal proceedings, to sign all lawf	ul 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;	Linko dia mandiana di Linko mandian di Linko di Karangana di Linko di Karangan di Karangan di Karangan di Kara
AND I/we hereby authorize and request the Commission	her of Materia and Trademarks of the United States
and any official of any country or countries foreign to the U	
applications as aforesaid, to issue to HPDC, as assignee of the Patent for said invention(s) or improvement(s), including any an	
be issued and granted on or as a result of the application aforesa	
I/we further authorize and direct the attorneys of recor	ed to insect the social number and filing date of said
application now identified by the attorney docket number and til	the set forth shows as soon as the same shall have
been made known to them by the United States Patent and Trad	
IN WITNESS WHEREOF, I've hereonto set my/our hand(s)	and seal(s):
	101051 1000
Inventor's Signature (Seal)	Date Assignment Signed
	Date Assignment Signed  10/27/2009  Date Application Signed
Lars Thylen	Balda-illaria Sized
Inventor's Typed Name	Date Application Signed
State of )	
) \$8.:	
County of )	
Before me this day of , personally appeared	Lars Thylen who is personally
known or proved to me on the basis of satisfactory evidence to be th	e person who acknowledged the foregoing instrument of
assignment to be his/her free act and deed.	entre de la companya
	Notary Public
Page 1dZ	My Commission Expires:
ing. ME	

**PATENT** 

REEL: 027328 FRAME: 0417

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

PATENT APPLICATION.

(82853237) 200902405-1 ATTORNEY DOCKET NO.

## ASSIGNMENT OF PATENT APPLICATION (cont.)

HWGTIONS WHEREOF, 11/16	hereunto set my/our hand(s	s) and scal(s): (0/24/2009
inventor's Signature (Seal)		Date Assignment Signed
Alexandre Bratkovski		10124/2009
inventor's Typed Name		Date Application Signed
		•
State of	`.); }`ss.::	
County of	) ,	
Before me thisday of	, personally appeared	Alexandre Bratkovski who is personally
known or proved to me on the basis of assignment to be his/her free act and de-	satisfactory evidence to be	the person who acknowledged the foregoing instrument of
	· · · · · · · · · · · · · · · · · · ·	Harry Pot is
		My Commission Expires
Milani I	N	112/27/200
Mul Man W Inventor's Signature (Seal)	nig	10/27/2009 Date Assignment Signed
Inventors Signature (Şeal)	0.	T T T T T T T T T T T T T T T T T T T
Shih-Yuan Wang.		Date Application Stored
Inventor's Typed Name		Date Application Signed
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State of	·)	
	) ss.:	
County of	):	
	personally appeared	Shih-Yuan Wang who is personally
known or proved to me on the basis of assignment to be his/her free act and de-	satisfactory evidence to be	the person who acknowledged the foregoing instrument of
		Notary Futin: My Commission Expres:
1. Atala lahal	جني من	Date Assignment Signed
inventor's Signature (Seai)		12 1 144 1 244 11
R. Stanley Williams		CO21/2077 Date Application Signed
Inventor's Typed Name		Date Application Signed
State of	,	·
Citate O.	) ss::	
County of	)	
Before me this day of	, personally appeared	R. Stanley Williams who is personally
	satisfactory evidence to be	the person who acknowledged the foregoing instrument of
		Notary Pacac
	Page 2 of 2	My Commission Express

**PATENT REEL: 027328 FRAME: 0418** 

**RECORDED: 11/14/2011**