502979211 09/17/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3025811

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ATA				
		Name	Execution Date		
HEWLETT-PACKARD E	SPANOLA	A, SL	09/17/2014		
JAN MOROVIC			07/30/2014		
PETER J KLAMMER			07/29/2014		
JAMES W STASIAK			07/31/2014		
RECEIVING PARTY DA	ТА				
Name:	Hewlett-I	Packard Development Company, L.P.			
Street Address:	11445 C	ompaq Center Drive West			
City:	Houston				
State/Country:	TEXAS				
Postal Code:	77070				
PROPERTY NUMBERS Property Type	Total: 1	Number			
Property Type					
		Number 4447201			
Property Type	1				
Property Type Application Number: CORRESPONDENCE DA Fax Number:	1 ATA (§	4447201 970)778-4063			
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be	ATA (Se sent to t	4447201 970)778-4063 the e-mail address first; if that is unsu			
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be	ATA (Se sent to to provided;	4447201 970)778-4063			
Property Type Application Number: CORRESPONDENCE DA Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	ATA (9 e sent to to provided; (5 ip	4447201 970)778-4063 the e-mail address first; if that is unsu if that is unsuccessful, it will be sent w 541)715-8443 ba.mail@hp.com			
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name:	۲ ATA sent to t provided; (٤ ip	4447201 970)778-4063 the e-mail address first; if that is unsuc if that is unsuccessful, it will be sent w 541)715-8443 ba.mail@hp.com IEWLETT-PACKARD COMPANY			
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA (9 e sent to t provided; (9 ip H 3	4447201 970)778-4063 the e-mail address first; if that is unsuc if that is unsuccessful, it will be sent w 541)715-8443 ba.mail@hp.com IEWLETT-PACKARD COMPANY 404 E. HARMONY ROAD MS 35	via US Mail.		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name:	ATA (§ e sent to to provided; (§ ip H 3 IN	4447201 970)778-4063 the e-mail address first; if that is unsuc if that is unsuccessful, it will be sent w 541)715-8443 ba.mail@hp.com IEWLETT-PACKARD COMPANY	via US Mail.		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	۲ منابع ATA sent to to provided; (۲ ۱۳ ۱۳ ۱۳ ۲	4447201 970)778-4063 the e-mail address first; if that is unsuc if that is unsuccessful, it will be sent w 541)715-8443 ba.mail@hp.com IEWLETT-PACKARD COMPANY 404 E. HARMONY ROAD MS 35 NTELLECTUAL PROPERTY ADMINISTE	via US Mail.		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	۲ منابع ATA sent to to provided; (۲ ۱۳ ۱۳ ۱۳ ۲	4447201 970)778-4063 the e-mail address first; if that is unsuc if that is unsuccessful, it will be sent w 541)715-8443 ba.mail@hp.com IEWLETT-PACKARD COMPANY 404 E. HARMONY ROAD MS 35 NTELLECTUAL PROPERTY ADMINISTF ORT COLLINS, COLORADO 80528	via US Mail.		
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	۲ منابع ATA sent to to provided; (۲ ۱۳ ۱۳ ۱۳ ۲	4447201 970)778-4063 the e-mail address first; if that is unsuc if that is unsuccessful, it will be sent w 541)715-8443 ba.mail@hp.com IEWLETT-PACKARD COMPANY 404 E. HARMONY ROAD MS 35 NTELLECTUAL PROPERTY ADMINISTE ORT COLLINS, COLORADO 80528 83962146	via US Mail.		

PATENT REEL: 033755 FRAME: 0794

HEWLETT-PACKARD COMPANY		PATENT APPLICATION
Intellectual Property Administrator		
3404 E. Harmony Road		
Maš Stop 35	RECORD ID:	83962146
Fort Collins, Colorada 89528		

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, agree to assign and transfer and 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 Patent entitled:

SPECTRAL PRINT CONTROL

Filing Date: _____ Application No.:

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 Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Patent.

I/ws additionally authorize HPDC to file applications in my/our name for 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 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 l/we hereby covenant that l/we have full right to convey the entire interest herein assigned, and that l/we have not executed and will not execute any agreement in conflict herewith, and l/we further covenant and agree that l/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 Patent, to HPDC, its successors, assigns, nominees or legal representatives, and l/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, relissue 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 incured by me/us in lending such cooperation and assistance are paid by HPDC;

AND l/we hereby authorize and request the official of any country or countries 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 Patent for said invention(s) or improvement(s) 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 filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

In Ani	30	JOLY	2014
Inventor's Signature	Date		
Jan Morovic			
Inventor's Typed Name			
Inventor's Signature	Date		
Peter J Klammer			
Inventor's Typed Name			

Say 8/ 2014 (Assignment)

٢

Page 1 of

Page 1 of	
	×.
	PATENT
	REEL: 033755 FRAME: 0796

rightful oaths and declaratio				
and legal representatives to o				
improvement(s) in any and				
cooneration and assistance a				

applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in

I/we further authorize and direct the attorneys of record to insert the filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's S	Signature
--------------	-----------

Jan Morovic Inventor's Typed Name

Inventor's Signature

Peter J Klammer inventor's Typed Name

Rev & 2014 (Assignment)

RECORD ID:

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, agree to assign and transfer and 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 Patent entitled:

SPECTRAL PRINT CONTROL

Filing Date: Application No.:

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 Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore, and any reissues, or reexaminations, or extensions of said Patent.

I/we additionally authorize HPDC to file applications in my/our name for 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 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;

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

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not

perfect the title to said invention(s) or improvement(s), said application and said Patent, to HPDC, its successors, assigns, nominees or legal representatives, and l/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said 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 ns, and generally to do everything possible to aid HPDC; its successors, assigns, nominees obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or all countries provided the expenses which may be incurred by me/us in lending such ire paid by HPDC;

AND I/we hereby authorize and request the official of any country or countries whose duty it is to issue patents on accordance with the terms of this assignment.

29/14

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

83962146

Date

HEWLETT-PACKARD COMPANY Intellectual Property Administrator			PATENT APPLICATION
3404 E. Harmony Road Mail Stop 35	RECORD	р [.]	83962146
Fort Collins, Colorado 80528		···.	
	AICAI AFFLICAII		2014-
0 DZ			6 A
Inventor's Signature	Dati	5 Y	
James William Stasiak Inventor's Typed Name	······································		
Inventor's Signature	Date		
Inventor's Typed Name			
Inventor's Signature	Date	a.	
Inventor's Typed Name			
Inventor's Signature	Dat	\$	
Inventor's Typed Name			
Inventor's Signature	Date	3	
Inventor's Typed Name			
inventor's Signature	Date	y.	
na serie a succession a	U Als		
Inventor's Typed Name			
disproved relations	Page 2 of		
Rev 6/ 2014 (Assignment)	an a		

RECORDED: 09/17/2014

PATENT REEL: 033755 FRAME: 0797