PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the (Assignor) Florentino previously recorded on Reel 023169 Frame 0763. Assignor(s) hereby confirms the Fiorentino.	

CONVEYING PARTY DATA

Name	Execution Date
Duncan Stewart	01/09/2008
Marco Fiorentino	01/03/2008
Nathaniel J. Quitoriano	01/03/2008
Charles M. Santori	12/21/2007

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.
Street Address:	11445 Compaq Center Drive West
City:	Houston
State/Country:	TEXAS
Postal Code:	77070

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12253196

CORRESPONDENCE DATA

Fax Number: (970)778-4063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Hewlett-Packard Company

Address Line 1: 3404 E. Harmony Road MS 35

Address Line 2: Intellectual Property Administration

Address Line 4: Fort Collins, COLORADO 80528

NAME OF SUBMITTER: Heather Ellis

Total Attachments: 6

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PATENT REEL: 023862 FRAME: 0944 ATTORNEY DOCKET NO. 200701494-2

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

1. Name of conveying party(les): DUNCAN STEWART MARCO FIORENT! NO NATHANIEL J. QUITORIANO CHARLES M. SANTOR! Additional name(s) of conveying party(les) attached? Lives [No. Additional name(s) and address(es) attached? Lives [No. Additional name(s) attached? No. Santanas [No. Santanas	RECORDATION F	ORM COVER SHEET		
DUNCAN STEWART MARCO FIORENTINO NATHANIEL J. QUITORIANO CHARLES M. SANTORI Additional name(s) of conveying party(see) attached? I Yes Vino 3. Nature of Conveyance: Massignment Interger I Change of Name I Security Agreement I Joint Other Execution Date(s): 09 08 103 08 103 08 12 21 07 1. Application number(s) or petent number(s): If this document is being filed together with a new application, execution date of the application is: A Petent Application No. 2 253 9 Date Filed 10 16 08 Confirmation No. 2 253 9 Date Filed 10 16 08 Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intelligent Consepany P.O. Box 272400 Fort Collins, Colorado 80527-2409 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	PATENTS ONLY			
MARCO FIORENTINO NATHANIEL J. QUITORIANO CHARLES M. SANTORI Additional name(s) of conveying party(sex) stached? Lives No. Additional name(s) and address(ss) attached? Lives No. 3. Nature of Conveyance: Charge of Name Security Agreement Joint Other Execution Date(s): 1 09 08 1 02 08 1 103 08 12 21 07 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. 12 253 (9 6 Date Filed: 10 / 16 / 08 Confirmation No. 88 29 B. Patent No.(s): Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intelligence of Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 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	t. Name of conveying party(les):	2. Name and address of receiving party(les):		
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5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Enclosed Intellectual Property Administration HEWLETT-PACKARD COMPANY X. Authorization to be charged to deposit account. P.O. Box 272400 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	4. Application number(s) or patent number(s): If this document is being filed together with a new application. A. Patent Application No.(s). Application No.: 2253(96 Date Filed) Confirmation No.: 8829 B. Patent f	on, execution date of the application is: 10/16/08 No.(9):		
Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 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	5. Name and address of party to whom correspondence	The same of the sa		
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true	Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400	Enclosed		
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.				
HEATHER A ELLIS HATTER SEPT. 2 2009 Name of Person Signing Signature Signature Total number of pages including coversheet, attachments, and documents:	HEATHER A FILLS HATTER Name of Person Signing	Us Sept 2 2009		
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	Documents to be recorded (including cover sher Mail Stop Assignment Recordation Services, Director of	ot) should be faxed to (571) 273-0140, or mailed to: I the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450		
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PATENT REEL: 023862 FRAME: 0945 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Sex 272400 Fort College Colorada 80527-2400

assignment to be his/her free act and deed.

Rev 10/07 (Assignment)

ron Colens, Coloredo 80521-2400			
ASSIGN: I/We, the undersigned (each DEVELOPMENT COMPANY, L.P., a Texa Texas, (hereinafter HPDC), in furtheran subsidiaries and affiliates, and do hereby a title and interest, including the right of prior entitled:	is Limited Partnership had ce of my/our obligation ssion and transfer to HPI	aby agree to assign to HEW wing its principal place of busing its principal place of busing to the Hewlett-Packard Cook, its successors and assigns	ness in Houston, ompany and its s, the entire right,
Ridge Waveguide		· · · · · · · · · · · · · · · · · · ·	***************************************
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and the invention(s) and improvement(s) s P's), divisionals, and renewals of and subs Patent of the United States and of countr reissues, or reexaminations, or extensions I/we additionally authorize HPDC held and enjoyed by HPDC, its successors terms for which said Letters Patent respect same would have been held and enjoyed by AND I/we hereby covenant that I/we have not executed and will not execute that I/we will, each time a request is made, necessary or desirable to perfect the title Patent, to HPDC, its successors, assigns HPDC, or to its nominee, all known facts Letters Patent, to testify in any legal proces- continuations. C-I-P's, reissue and foreign do everything possible to aid HPDC, its enforce, for its or their own benefit, prope countries provided the expenses which m paid by HPDC: AND I/we hereby authorize and re and any official of any country or count applications as aforesaid, to issue to HPI Patent for said invention(s) or improvement to further authorize and direct application now identified by the aftorney	ritides for said application (es foreign thereto which of said Letters Patent. to file applications in my/s, assigns, nominees or lectively may be granted, my me/us had this assignme have full right to convert and application of the confliction of the convert and applications, to said invention (edings, to sign all lawful papplications, to make all successors, assigns, now patent protection for said invention or patent protection for said invention or patent protection for said invention for said invention or patent protection for said by the incurred by me/us equest the Commissioner des foreign to the United CC, as assignee of the cont(s), including any and at the application aforesaid, the attorneys of record to	in for said Letters Patent, and a may be granted thereon or the pur name for Letters Patent in a gair representatives, to the full a sissued or extended, as fully a sent, and transfer not been made ay the entire interest herein asset herewith, and there therein asset herewith, and there there all such provenient(s), said application esentatives, and there agree to (s) or improvement(s), said apapers, to execute all disclaimentially on the and declarations ninees and legal representativity in the times and the said application and fratents and Trademarks of distates whose duty it is to mire right, title and interest, a li Letters Patent of the United in accordance with the terms of insert the seriel number and	any and all Letters lerefore; and any any country, to be and of the term or and entirely as the le; signed, and that I/venant and agree papers as may be and said Letters a communicate to pilication and said a and divisionals, and generally to les to obtain and assistance are the United States issue patents on my and all Letters States which may I this assignment.
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Duncan Stewart		1/9/2008	
Inventors Typed Name	· · · · · · · · · · · · · · · · · · ·	Date Application Signed	in the second
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PATENT APPLICATION

ATTORNEY DOCKET NO. 200701494-1

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Nathaniel J. Quitoriano		
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Charles M. Santori		12/21/07
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Before me this day of	, personally appeared	Charles M. Santon who is personally
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