ATTORNEY DOCKET NO. 200904263-1

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET		
PATENTS ONLY		
Name of conveying party(ies):     Kave Eshghi     George Forman     Prakash Reddy	Name and address of receiving party(ies):  HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.  11445 Compaq Center Drive West  Houston, TX 77070	
Additional name(s) of conveying party(ies) attached? ☐Yes ☐No	Additional name(s) and address(es) attached? ☐Yes ⊠No	
3. Nature of Conveyance:		
■    ■    ■    ■    ■	of Name Security Agreement Joint	
Other		
Execution Date(s):1/25/2010; 1/25/2010; 1/26/2010  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.: 12693828 Date Filed: 1/26/2010		
Confirmation No.: 4850 B. Patent No.(s):		
Additional numbers attached? NO	Total number of applications and patents involved:     1	
Name and address of party to whom correspondence concerning document should be mailed:	7. Total Fee (37 CFR 3.41):\$40,00	
Records Manager		
Intellectual Property Administration	Enclosed	
HEWLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528	X Authorization to be charged to deposit account.	
	8. Deposit Account Number: 08-2025	
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.		
	n, reg. No. 38,461/ Jan. 26, 2010 Date	
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 5		

Rev 05/09 (RecdAsgn)

PATENT REEL: 023852 FRAME: 0168 HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_200904263-1\_\_\_\_

## ASSIGNMENT OF PATENT APPLICATION

ASSIGNMENT OF PATENT AFF	LIGATION
I/We, the undersigned (each) have agreed and hereb DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership havi Texas, (hereinafter HPDC), in furtherance of my/our obligations subsidiaries and affiliates, and do hereby assign and transfer to HPDC little and interest, including the right of priority, in, to and under an app entitled:	ing its principal place of business in Houston, to the Hewlett-Packard Company and its this successors and assigns, the entire right,
WORD-BASED DOCUMENT IMAGE COMPRESSION	
Filing Date: Jan. 26, 2010  Application and the invention(s) and improvement(s) set forth therein, and any are P's), divisionals, and renewals of and substitutes for said application for Patent of the United States and of countries foreign thereto which mereissues, or reexaminations, or extensions of said Letters Patent.  I/we additionally authorize HPDC to file applications in my/out held and enjoyed by HPDC, its successors, assigns, nominees or legal terms for which said Letters Patent respectively may be granted, reiss same would have been held and enjoyed by me/us had this assignment and like have full right to convey we have not executed and will not execute any agreement in conflict that I/we will, each time a request is made, and without undue delay, encessary or desirable to perfect the title to said invention(s) or impredent, to HPDC, its successors, assigns, nominees or legal representation, to respect to the invention of the property	and all continuations, continuations-in-part (C-lor said Letters Patent, and any and all Letters reave be granted thereon or therefore; and any representatives, to the full end of the term or sued or extended, as fully and entirely as the st., and transfer not been made: the entire interest herein assigned, and that I/merewith, and I/we further covenant and agree execute and deliver all such papers as may be overment(s), said application and said Letters entatives, and I/we agree to communicate to or improvement(s), said application and said letters, to execute all disclaimers and divisionals, thiful oaths and declarations, and generally to these and legal representatives to obtain and invention(s) or improvement(s) in any and all lending such cooperation and assistance are
and any official of any country or countries foreign to the United I applications as aforesaid, to issue to HPDC, as assignee of the enti Patent for said invention(s) or improvement(s), including any and all L 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 in application now identified by the attorney docket number and title set been made known to them by the United States Patent and Trademark	re right, title and interest, any and all Letters etters Patent of the United States which may accordance with the terms of this assignment. esert the serial number and filing date of said forth above as soon as the same shall have
5 leh	
Esth.	1/25/10
Inventor's Signature	Date Assignment Signed
Kave Eshghi	1/25/10
Inventor's Typed Name	Date Application Signed
inventor's Signature	Date Assignment Signed
George Forman	
nventor's Typed Name	Date Application Signed
Peu SISIS (Section and )	

**PATENT REEL: 023852 FRAME: 0169**  HEWLETT PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

ATTORNEY DOCKET NO.

200904263-1

## 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:

WORD-BASED DOCUMENT IMAGE COMPRESSION

Filing Date: \_\_\_\_\_\_ Application No.:
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-

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 Letters Patent, and any and all Letters Patent of the United States and of countnes foreign thereto which 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 my/our name for Letters 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 Letters 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 I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not 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 perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters 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 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;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, little and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States 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 serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Inventor's Signature

Kave Eshighi
Inventor's Typed Name

Date Application Signed

1-25-10

George Forman
Inventor's Typed Name

Date Application Stoned

Rev 10/09 (Assignment)

Page 1 of 2

Fm:Edouard Garcia To:USPTO Assignment Division (15712730140)

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PATENT APPLICATION

HEWLETT-PACKARD COMPANY Intellectual Property Administrator

3404 E. Harmony Road

Mail Stop 35

Fort Collins, Colorado 80528

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## ASSIGNMENT OF PATENT APPLICATION (cont.)

New Rede	Jan 24, 2015 Date Assignment Signed
Inventor's Signature	Date Assignment Signed
Prakash Reddy	Jon 26, 290
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
nventor's Signature	Date Assignment Signed
nventor's Typed Name	Date Application Signed
nventor's Signature	Date Assignment Signed
nventor's Typed Name	Date Application Signed

**PATENT REEL: 023852 FRAME: 0171**