TTORNEY DOCKET NO. 200904039-1	Patent and Trademark Office
REC	
	103588126
. Name of conveying party(ies):	Name and address of receiving party(ies).
Geoffery A Schunicht	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
Asha Sadasivan	11445 Compaq Center Drive West Houston, TX 77070
	Yes ⊠No Additional name(s) and address(es) attached? ☐ Yes ⊠No
Nature of Conveyance:	162 Gino various usus(s) and appleas(es) straction; [1192 Gino
	Change of Name Security Agreement Joint
Other	,
Typouting Date(s): 2010, log 26, 2010, log 26	
**************************************	
. Application number(s) or patent number(s):	w application, execution date of the application is:
	w application, execution date of the application is:
I. Application number(s) or patent number(s):  If this document is being filed together with a new  A. Patent Application No.(s)	Data Elladi 3010 km 26
Application number(s) or patent number(s):  If this document is being filed together with a new  A. Patent Application No.(s)  Application No.: 12/693,925  []	Date Filed: 2010-Jan-26 JAN 2 6 2010
Application number(s) or patent number(s):  If this document is being filed together with a new A. Patent Application No.(s)  Application No.: 12/693,925  []	Data Elladi 3010 km 26
Application number(s) or patent number(s):  If this document is being filed together with a new  A. Patent Application No.(s)  Application No.: 12/693,925  Confirmation No.: 5024	Date Filed: 2010-Jan-26 JAN 2 6 2010
Application number(s) or patent number(s):  If this document is being filed together with a new  A. Patent Application No.(s)  Application No.: 12/693,925  Confirmation No.: 5024  Additional numbers attached? NO.  Name and address of party to whom correspond.	Date Filed: 2010-Jan-26 JAN 2 6 2010 B. Patent No.(s):
Application number(s) or patent number(s):  If this document is being filed together with a new A. Patent Application No.(s)  Application No.: 12/693,925  Confirmation No.: 5024  Additional numbers attached? NO	Date Filed: 2010-Jan-26 JAN 2 6 2010 B. Patent No.(s):
I. Application number(s) or patent number(s):  If this document is being filed together with a new A. Patent Application No.(s)  Application No.: 12/693,925  Confirmation No.: 5024  Additional numbers attached? NO.  Name and address of party to whom correspond concerning document should be mailed:  Records Manager	Date Filed: 2010-Jan-26  JAN 2 6 2010  B. Patent No.(s):  dence 6. Total number of applications and patents involved: 1
I. Application number(s) or patent number(s):  If this document is being filed together with a new A. Patent Application No.(s)  Application No.: 12/693,925  Confirmation No.: 5024  Additional numbers attached? NO.  Name and address of party to whom correspond concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY	Date Filed: 2010-Jan-26  B. Patent No.(s):   JAN 2 6 2010  B. Patent No.(s):   fence 6. Total number of applications and patents involved 1  7. Total Fee (37 CFR 3.41)\$40.00 Enclosed
I. Application number(s) or patent number(s):  If this document is being filed together with a new A. Patent Application No.(s)  Application No.: 12/693,925  Confirmation No.:5024  Additional numbers attached? NO.  Name and address of party to whom correspond concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 35	Date Filed: 2010-Jan-26  B. Patent No.(s):  JAN 2 6 2010  JAN 2 6 2010
I. Application number(s) or patent number(s):  If this document is being filed together with a new A. Patent Application No.(s)  Application No.: 12/693,925  Confirmation No.: 5024  Additional numbers attached? NO. 5. Name and address of party to whom correspond concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY 3404 E. Harmony Road	Date Filed: 2010-Jan-26  B. Patent No.(s):   JAN 2 6 2010  B. Patent No.(s):   fence 6. Total number of applications and patents involved: 1  7. Total Fee (37 CFR 3.41)\$40.00 EnclosedX_ Authorization to be charged to deposit account.
I. Application number(s) or patent number(s):  If this document is being filed together with a new A. Patent Application No.(s)  Application No.: 12/693,925  Confirmation No.: 5024  Additional numbers attached? NO  Name and address of party to whom correspond concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528  Statement and signature.  To the best of my knowledge and belief, the fore	Date Filed: 2010-Jan-26  B. Patent No.(s):   JAN 2 6 2010  B. Patent No.(s):   fence 6. Total number of applications and patents involved: 1  7. Total Fee (37 CFR 3.41)\$40.00 EnclosedX_ Authorization to be charged to deposit account.
I. Application number(s) or patent number(s):  If this document is being filed together with a new A. Patent Application No.(s)  Application No.: 12/693,925  Confirmation No.: 5024  Additional numbers attached? NO  Name and address of party to whom correspond concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528	Date Filed: 2010-Jan-26  B. Patent No.(s):  JAN 2 6 2010  B. Patent No.(s):  JAN 2 6 2010  A. Total number of applications and patents involved: 1  7. Total Fee (37 CFR 3.41)
If this document is being filed together with a new A. Patent Application No.(s) Application No.: 12/693,925 Confirmation No.: 5024  Additional numbers attached? NO.  Name and address of party to whom correspond concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528  Statement and signature.  To the best of my knowledge and belief, the fore copy of the original document.	Date Filed: 2010-Jan-26  B. Patent No.(s):     JAN 2 6 2010
I. Application number(s) or patent number(s):  If this document is being filed together with a new A. Patent Application No. (s)  Application No.: 12/693,925  Confirmation No.: 5024  Additional numbers attached? NO.  Name and address of party to whom correspond concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 35  Fort Collins, Colorado 80528  Statement and signature.  To the best of my knowledge and belief, the fore copy of the original document.  Clifton L. Anderson Name of Person Signing	Date Filed: 2010-Jan-26  B. Patent No.(s):     JAN 2 6 2010
I. Application number(s) or patent number(s):  If this document is being filed together with a new A. Patent Application No. (s)  Application No.: 12/693,925  Confirmation No.: 5024  Additional numbers attached? NO.  Name and address of party to whom correspond concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 35  Fort Collins, Colorado 80528  Statement and signature.  To the best of my knowledge and belief, the fore copy of the original document.  Clifton L. Anderson Name of Person Signing	Date Filed: 2010-Jan-26  B. Patent No.(s):     JAN 2 6 2010
If this document is being filed together with a new A. Patent Application No.(s) Application No.: 12/693,925 Confirmation No.: 5024  Additional numbers attached? NO.  Name and address of party to whom correspond concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528  Statement and signature.  To the best of my knowledge and belief, the fore copy of the original document.  Clifton L. Anderson Name of Person Signing  Total number of pages including Coursents to be recorded (including Coloradors)	Date Filed: 2010-Jan-26  B. Patent No.(s):     JAN 2 6 2010

02-03-2010

H0963-A1Q

**JEPARTMENT OF COMMERCE** 

PARKER BOTT PARKERS OF CHARGES
Intellectual Property Administrator
3404 E. Harmony Acces
15#1 \$100 3\$
Ton Colors, Caromado 505ZE

PATENT APPLICATION

## ASSIGNMENT OF PATENT APPLICATION

CONTROL of regions of early bear opened and hereby agree to energy the HEWLETT-PACKARD DEVELOPMENT COMPANY. L.P. a Faxer Limited Perfect of the property as property as the control of the

Taxas (nomination 4500), in furtherance of myour subscripts and efficient and do hereby seeign and trans	onligations to the himself-school Company and its
The end inversel, mobiling the state of popular, in, to end or	rior or explication for Latters Points of the United States
\$500 PM	
COMPLIES DATA OBOMINE OFFERNONS	***************************************
The state of the s	
೯೫೫-ಇ ೧೩೫-: <u>2010-Jan-26</u>	Section 84: 10/803 008
est tha "skergoofs" skill impronement(s) set tonn shereta	and any and all access of the contract of the
ැදුම්ට වලදාල් ලබන්න කියට දුරුවනුදෙන්න සද කටසු කියන්නේ දුරුණුණු දුරු කිකිසිසි සි	sociosion for seld Lebism Palant, and env and all Lebism
Teleni of the United States and of pountries intelegr them	in appet cash pa disease, paison or graispost soc soh
relative of recommendations of existence of each latter p	
The Court and the Court of the	ns in my four name for Letters Pessen in any country, to be
some for which east Letters Patent respectively may be g	Carting to a second or exchanged as fight end and the first
ತ್ರಕಷ್ಟ ಬಿಡಿಗೆ ಇವಿ.ಇಗ್ಗು ಬೈಡಿ <b>ಬಿಡ್ಗಾರ್ಬ್ ಬಿ</b> ರಣ ಬೆಕೆಕನೆ ನಡುವರೆ ಇಂ.ಇದೆ ಬಿಟ್ಟರ್ ಬಿಡ್ಗಾರ್ ಇರಾಡ <b>ಾ</b>	See State of the series of the
රුදුන් දිනුදු කළකුල් ඇත්ව රක්ක් වනසන්වෙන දුන්නමෙන් නැවේ. විවාසි	it is proven fire entire interest herein ancierred, and that if
we have not executed and Will not execute any agreement	to applied parameter, and place proper policement and although
ින ( ලද මේ නොව පෙන දෙනෙනක් ම පතුන නේ මේණය ලද ලදරනයෙනු හැරිනෙන් මේණය දෙනෙන වන නිස් දින නමයි මෙනෙන්න	The defent and the and the server of such people as only be
Print to APOD is altocetors, essigns noted for a	ander opposedant angelede ande, er op en en de same per partie de la servicio de la composition della composita della composition della composition della composition della co
TOO, or to the normings, set known facts respecting said!	Transfer s) or improvements), esid modesfor and asid
්ධරාර්ගයේ සිත්මනම් මර මතමම්දුම්ප කොදු මතුන් පුදුපුලෙනුප් පළමු ම නිදුස නි	Signatura de la companya de carde impere endi el visionelle.
accidence form of the areas and foreign section to the foreign section of the foreign secti	್ ಬ್ಲಿ ಇಡಿಗಳ ಬಿಡುವ ತಾರಕ್ಷಣೆಗಳ ಕೆಗಳ ತಿಗೆಗಳ ಕ್ಷಾಣಕ್ಕೆ ಬಿಡುಗಳ ಜಿನಿಕ್ಕಾರ್ ಚಿತ್ರಗಳ
sea greenstand at 2004 big of enterent printing as to	igns, nominates and lags) representatives to obtain and
erions. Er is on insinoun benefit proper petent process countries provided the expenses which may be incurred a	no the second
TO BOLD OF THE CONTROL OF THE WARRANT WARRANT OF THE CONTROL OF TH	in the result with the second and the second
් වෙන්ව අත් වනත්ත්ව කෙව්වන් කෙන් වෙන අත් වන ප්රතිය	rissioner of Perfects and Trademerks of the United States
and any official of any country or countries torsion to t	TO Citized Sistes where outs it is to issue estants an
soplications as sformatic to leader to HPOO as assignee	of the write Aght. The and interest, any and all letters
Parant for each invertion(a) or improvement(a) including a be served and provided on at as a result of the septimeter of	ny and en language propert of the Littles States which may
the former sufficiency and charact the attendance of	second to insent the second number and thing date of sets
application now identified by the stormey docker number a	अपन्यती विकास कार्या करते केंद्र तार्यका कर्म के वर्णने गोर्पाती विकास विकास
basin made Indust to them by the United States Patent and	Trademark Office.
	and the second s
7.808 E 7.008	
or between the elegants so to	The second contract of
చెందుకోకాను ఈ తెలుకు కాటార్లు	The state of the s
Same Same Same	Description Services
	500 ASSECTION SECTION
	\$\delta/2310
17-80-10-6 3-5860-686	Date Assignment Rights
White and the state of the stat	and the Same same
Badoolica (see Prosector Typod Comp	28/63/230
5 (15 to 10 to 10 to 10 to 10 to 20 to 10	Capa 100,000 to 120,000

Many 10000 (Many) manager

Page of 1

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

## PATENT APPLICATION

ATTORNEY DOCKET NO. 200904039-1

## **ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD its 'ni, 68

Texas, (hereinafter HPDC), in furtherance of my/our subsidiaries and affiliates, and do hereby assign and trans	nership having its principal place of business in Houston, obligations to the Hewiett-Packard Company and its sfer to HPOC, its successors and assigns, the entire right, under an application for Letters Patent of the United States
COMPUTER DATA ARCHIVE OPERATIONS	
Filing Date: 2010-Jan-26	Application No.: <u>12/693,925</u>
P's), divisionals, and renewals of and substitutes for said Patent of the United States and of countries foreign ther reissues, or reexeminations, or extensions of said Letters I live additionally authorize HPDC to file applicationally authorize HPDC to file applicationally authorize HPDC to file applicationally and enjoyed by HPDC, its successors, assigns, nomiterms for which said Letters Patent respectively may be a same would have been held and enjoyed by melus had the AND live hereby covenant that I/we have full rig we have not executed and will not execute any agreement that I/we will, each time a request is made, and without unnecessary or desirable to perfect the title to said invention Patent, to HPDC, its successors, assigns, nominees or HPDC, or to its nominee, all known facts respecting said Letters Patent, to testify in any legal proceedings, to sign a continuations. C-I-P's, reissue and foreign applications, to do everything possible to aid HPDC, its successors, as enforce, for its or their own benefit, proper patent protect countries provided the expenses which may be incurred paid by HPDC;  AND I/we hereby authorize and request the Comand any official of any country or countries foreign to applications as aforesaid, to issue to HPDC, as assigned Patent for said invention(s) or improvement(s), including a least of the application and invention or as a result of the application of application now identified by the atforney docked number	ons in my/our name for Letters Patent in any country, to be inees or legal representatives, to the full and of the term or granted, reissued or extended, as fully and entirely as the is assignment, and transfer not been made; the to convey the entire interest herein assigned, and that I/ at in conflict herewith, and tiwe further covenant and agree idue delay, execute and deliver all such papers as may be on(s) or improvement(s), said application and said Letters legal representatives, and liwe agree to communicate to invention(s) or improvement(s), said application and said all lewful papers, to execute all disclaimers and divisionals, in make all rightful oaths and declarations, and generally to signs, nominees and legal representatives to obtain and tion for said invention(s) or improvement(s) in any and all by me/us in lending such cooperation and assistance are unissioner of Patents and Trademarks of the United States the United States whose duty it is to issue patents on a of the entire right, title and interest, any and all Letters Patent of the United States which may aforesaid, in accordance with the terms of this assignment. If record to insert the serial number and filling date of said and tittle set forth above as soon as the same shall have
been made known to them by the United States Patent and	s trademark Unice.
Invertibili Signature	Date Assignment Signed
Carllan, A. Cahoninhi	and the same of th
Geoffery A Schunicht inventor's Typed Name	Date Acoscation Storled
macros s syper recine	ове Армано оргад
Invenior's Signature	Date Assignmen: Signed
Asha Sadasiyan	
Inventor's Typed Name	Onle Application Signed

Rev 10409 (Assignment) H0963-A1J

Page 1 of 1

Phoenix Applications Management System

Table of Contents of

12693925

date: 01-29-2010

Table of Contents (Selected Documents)

Date	Code	Pages	PackageID	Source	Annotation	
01-26-2010	LET.	3	US 1269392503P1	EFSW		

Page 1

PATENT REEL: 023889 FRAME: 0930

**RECORDED: 01/26/2010**