# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
BIANCA FLEISCHER	04/25/2012
ETIENNE ILIFFE-MOON	04/27/2012
ADIL ALI	04/27/2012
SHANSHAN LI	04/25/2012
CHARLES E. SCHINNER	04/25/2012
EDWARD GEORGE TRICK	04/25/2012

### **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:	29419410

# **CORRESPONDENCE DATA**

Fax Number: (970)778-4063 Phone: (541)715-8443 Email: terri.tuma@hp.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

501903822

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: Scott Lund

PATENT

REEL: 028123 FRAME: 0010

Total Attachments: 6 source=ASSGN82943891#page1.tif source=ASSGN82943891#page2.tif source=ASSGN82943891#page3.tif source=ASSGN82943891#page4.tif source=ASSGN82943891#page5.tif

source=ASSGN82943891#page6.tif

PATENT REEL: 028123 FRAME: 0011 HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mall Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

82943891 RECORD ID:

#### 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: **IMAGING DEVICE** Filing Date: Application No.: and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-l-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 countries 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, title 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 Record ID 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 04/25/12 BIANCA FLEISCHER Date Application Signed Inventor's Typed Name Inventor's Signature **Date Assignment Signed** 

Rev 09/11 (Assignment)

ETIENNE ILIFFE-MOON Inventor's Typed Name

Page 1 of 2

Date Application Signed

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

in the first and a first of the control of the cont	RECORD ID:	82943891
Fort Collins, Colorado 80528		
	ASSIGNMENT OF PATENT APPLICATION	
DEVELOPMENT COMPANY, L Texas, (hereinafter HPDC), is subsidiaries and affiliates, and	gned (each) have agreed and hereby agree to a P., a Texas Limited Partnership having its principal in furtherance of my/our obligations to the Hew do hereby assign and transfer to HPDC, its successory right of priority, in, to and under an application for Le	al place of business in Houston, lett-Packard Company and its ors and assigns, the entire right,
Filing Date:	Application No.:	
P's), divisionals, and renewals Patent of the United States an reissues, or reexaminations, or I/we additionally autho held and enjoyed by HPDC, its terms for which said Letters Pasame would have been held an AND I/we hereby cove we have not executed and will that I/we will, each time a requencessary or desirable to perferent, to HPDC, its successor HPDC, or to its nominee, all kr	vement(s) set forth therein, and any and all continue of and substitutes for said application for said Letters of countries foreign thereto which may be granted extensions of said Letters Patent.  Trize HPDC to file applications in my/our name for Lessuccessors, assigns, nominees or legal representation at the respectively may be granted, reissued or extered enjoyed by me/us had this assignment, and transferent that I/we have full right to convey the entire interest is made, and without undue delay, execute and detect the title to said invention(s) or improvement(s), sors, assigns, nominees or legal representatives, and nown facts respecting said invention(s) or improvement(s), so legal proceedings, to sign all lawful papers, to execute and foreign applications, to make all rightful oaths at	s Patent, and any and all Letters of thereon or therefore; and any tters Patent in any country, to be ves, to the full end of the term or need, as fully and entirely as the error been made; erest herein assigned, and that let let further covenant and agree leliver all such papers as may be said application and said Letters of I/we agree to communicate to the ent(s), said application and said the ent(s).

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, title 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 Record ID 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	Date Assignment Signed
BIANCA FLEISCHER Inventor's Typed Name	Date Application Signed
, series of the	
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	f = t
My//	04/27/12
Inventor's Signature	Date Assignment Signed
I ETIENNÉ ILIFFE-MOON	04/27/12
	Date Application Signed

Rev 09/11 (Assignment)

Page 1 of 2

HEWLETT-PACKARD COMPANY.
Intellectual Property Administrator
3404 E. Harmony Road
Mail Stop 35

# PATENT APPLICATION

Mail Stop 35	RECORD ID:	82943891
Fort Collins, Colorado 80528	SSIGNMENT OF PATENT APPLICATION (co	int )
	1.	
- / WAil	CC. 0	4/27/12
Inventor's Signature	Date Assignr	t / 2 7 / 1 2 me/it Signed / DC+ / 2 2 / 1 2 tion Signed
Emilion State word		04/22/12
ADIL ALI Inventor's Typed Name	Date Applica	tion Signed
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Inventor's Signature	Date Assigni	ment Signed
inventors signature	<b></b>	Maria de la companya
SHANSHAN LI	Date Applica	ition Signed
Inventor's Typed Name	Date Applica	mon-signes
		m was
Inventor's Signature	Date Assign	ment Signed
CHARLES E. SCHINNER		
Inventor's Typed Name	Date Applica	ition Signed
National Association (Control of Control of	Date Assign	ment Signed
Inventor's Signature	Date Assign	men signed
EDWARD GEORGE TRICK	Date Applica	How Blance
Inventor's Typed Name	Date Applica	mon aighed
		•
11 - 110 - 1		
Inventor's Signature	Date Assign	ment Signed
		en en en enven
Inventor's Typed Name	Date Applica	ation Signed
Inventor's Signature	Date Assign	ment Signed
Inventor's Typed Name	Date Applica	ition Signed

Page 2 of 2

Rev 09/11 (Assignment)

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

# PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID: 82943891
<u> </u>	
ASSIGNMEN	T OF PATENT APPLICATION (cont.)
Inventor's Signature	Date Assignment Signed
ADIL ALI	
Inventor's Typed Name	Date Application Signed
•	
· · · · · · · · · · · · · · · · · · ·	200
Marion	04/25/2012  Date Assignment Signed
Inventor's Signature	
SHANSHAN LI	04/25/20/2 Date Application Signed
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
CHARLES E. SCHINNER	
Inventor's Typed Name	Date Application Signed
	Data Assistance A Closed
Inventor's Signature	Date Assignment Signed
EDWARD GEORGE TRICK	Poly April - Alberta - Proceedings
Inventor's Typed Name	Date Application Signed
411111111111111111111111111111111111111	
Inventor's Signature	Date Assignment Signed
	D.A. A. U. C. O.
Inventor's Typed Name	Date Application Signed
In contrast of a Column to the contrast of the	Date Anguerrent Stancel
Inventor's Signature	Date Assignment Signed
	Data And Carting War and
Inventor's Typed Name	Date Application Signed

Rev 09/11 (Assignment)

Page 2 of 2

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

### PATENT APPLICATION

RECORD ID:	82943891
1	

# **ASSIGNMENT OF PATENT APPLICATION (cont.)**

inventor's Signature	Date Assignment Signed
ADIL ALI	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
SHANSHAN LI	
Inventor's Typed Name  And Advice  Inventor's Typed Name	Date Application Signed  4/5/17
Inventor's Signature	Date Assignment Signed
CHARLES E. SCHINNER	4/25/12
Inventor's Typed Name	Daté Application Signed
Inventor's Signature	Date Assignment Signed
EDWARD GEORGE TRICK	
inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
	D. J. A. Jisan at Oran J
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed

Rev 09/11 (Assignment)

Page 2 of 2

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

PATENT APPLICATION

RECORD ID:

82943891

# ASSIGNMENT OF PATENT APPLICATION (cont.)

THE PERSON OF A STREET OF GROOM OF GROOM PROPERTY OF STREET WAS ASSESSED.

Invertor's Signature	Date Assignment Signed	7 2 A Broken (1970) 2 California (1971) 1 3 Maria (1981) 2 California (1981) 2 Broken
ADIL AUTOMA ADIL A		
Inventor's Typed Name	Date Application Signed	
		jestrofo Strong
The state of the s	English and Aller and Alle	
Tally bearing and a second of the second of		নীকাল জুনিকাৰ বিভাগ হৈছে। জুল নিজৰ বিভাগৰ প্ৰতিষ্ঠা জুল
Inventor's Signature	Date Assignment Signed	minu, jaan see 1000
The Section of the se		
	Date Application Signed	
or the stable of a larger to more and other to an a second of		
· 图 <b>· · · · · · · · · · · · · · · · · ·</b>		
or operation in the authority of the control of the		
Inventor's Signature	Date Assignment Signed	
- "解解系统"[[[[[]]]] [[[]] [[] [[]] [[] [[] [[]] [[] [[] [[] [[]] [[] [[] [[] []		attern and a first seem than
CHARLES E. SCHINNER OF ANY AND ADDRESS OF A STATE OF A	gangggali biyanci te	, <del>pi</del> impelie, e ministr
Inventor's Typed Name		
ි දැනු අතර ප්රවිර්ග රාග්ර වා වා අතුව මුණ වෙන්නු මා රාග්ර අදමුණ වා මුව ලබා මෙන්නු එම ප්රති වා විද්විතුවෙන්නු වෙනු පුරු පුරුණික සහ වන අවුව ප්රවියුත් විසි විදුකික ලේ මෙන් මෙම මුතු වෙන්නුම් ලිසි	e Martin Martin (1974) de la Prima del Prima de la Prima del Prima de la Prima del Prima de la Prima del Prima del Prima de la Prima del Pri	radional de la partire de la calent. El care el care el care de la calentaria
and the second of the second o	eran er i 1974 - Dan er eine	PARTICIPATION FOR THE STATE OF
Culturk	يده المراكز المسلمانية الموارد المراكزة	an ang ang ang ang ang ang ang ang ang a
Cull Surk	4/25/12	negaj - history nebudi. A
Inventor's Signature/	Date Assignment(Signed	Marie Alia
EDWARD GEORGE TRICK: and a second of the contract of the contr	11/0/10	one a depote
Inventor's Typed Name	Date Application Signed	William County 1995
Inventor's Typed Name (1999) and (1999) and (1999) as the first of the first of the second standard and the first of the first of the second standard of the first of the first of the second standard of the first o	Date Application Signed	Byta so the water is the earliest and the entire
Inventor's Typed Name (1999) and	Date Application Signed	Balance of the book of the control of the confidence by the confidence by the balance by the confidence by the balance of the confidence of the confidenc
Inventor's Typed Name appropriate and population of the political originage is a second or secon	Date Application Signed	Balance of the Control of the Contro
Inventor's Typed Name agreements of the profession of the filter of the first of the profession of the first	Date Application Signed	Facility (a) of states of the control of the contro
Inventor's Typed Name agreements of the profession of the filter of the first of the profession of the first	Date Application Signed	Federal School Control Control  The Control Control Control  Supering the conjugate of the  Control Federal Control  Final Federal Control  Final Control  F
Inventor's Typed Name agreements of the production of the following maps of the production of the prod	Date Application Signed	Federal School Control Control  The Control Control Control  Supering the conjugate of the  Control Federal Control  Final Federal Control  Final Control  F
Inventor's Typed Name appropriate to the property of the prope	Date Application Signed  Date Assignment Signed	Faging (a. 1971) states (1974) Francis (1974) service of the Postprogram (1974) services (1974) Francis (1974) services (1974) Francis (1974) services (1974) services Francis (1974) services (1974) services (1974)
Inventor's Typed Name segregard and a policy of the first of a production of the first of a production of the first of the	Date Application Signed	Faging (a. 1971) states (1974) Francis (1974) service of the Postprogram (1974) services (1974) Francis (1974) services (1974) Francis (1974) services (1974) services Francis (1974) services (1974) services (1974)
Inventor's Typed Name	Date Application Signed  Date Assignment Signed	Fedding (e. ) Province (c. ) (e. ) Fedding (e. ) Province (e. ) After Province (e. ) Province (e. ) After (e. ) After (e. ) After (e. ) After (e. ) After (e. ) After (e. ) After (e. ) After (e. ) After (e. ) After (e. )
Inventor's Typed Name appropriate to the property of the prope	Date Application Signed  Date Assignment Signed	Feight, Sec. of State (2015). The military of the continue of the following of the continue of the following of the continue o
Inventor's Typed Name  Inventor's Typed Name  Inventor's Typed Name	Date Application Signed  Date Assignment Signed	Feight, general states in 18 million and the control of the contro
Inventor's Typed Name  Inventor's Typed Name  Inventor's Typed Name  Inventor's Typed Name	Date Application Signed  Date Assignment Signed  Date Application Signed	Feging (e. ) of states of the continue of the
Inventor's Typed Name  Inventor's Typed Name  Inventor's Typed Name  Inventor's Typed Name	Date Application Signed  Date Assignment Signed	Feging (e. ) of states of the continue of the
Inventor's Typed Name  Inventor's Typed Name  Inventor's Typed Name  Inventor's Typed Name	Date Application Signed  Date Assignment Signed  Date Application Signed	Feging (a) The control of the contro
Inventor's Typed Name  Inventor's Signature  Inventor's Signature	Date Application Signed  Date Assignment Signed  Date Application Signed	Feging (a) The control of the contro
Inventor's Typed Name  Inventor's Signature  Inventor's Signature	Date Assignment Signed  Date Assignment Signed  Date Assignment Signed	Felging (a) The control of the contr
Inventor's Typed Name  Inventor's Typed Name  Inventor's Signature  Inventor's Typed Name	Date Assignment Signed  Date Assignment Signed  Date Assignment Signed	Faging (a) The control of the contro
Inventor's Typed Name  Inventor's Typed Name  Inventor's Typed Name	Date Assignment Signed  Date Assignment Signed  Date Assignment Signed	Felging (a) The control of the contr

**PATENT** REEL: 028123 FRAME: 0017