	REC(
	RECI		
Name of conveying party(ies):		103454249 2. Name and address of receive	ng party(ies):
Ted W. Beers			
Mark E. Gorzynksi		HEWLETT-PACKARD DEVE 20555 SH 249	LOPMENT COMPANY, L
William C. Wickes		Houston, TX 77070	
Jon A. Brewster			
Garrett Daniel Gargan			
Jeffrey L. Thielman			
Scott Grasley			
Additional name(s) of conveying party(i	es) attached? ∐Yes	No Additional name(s) and address(es)	attached? Yes XNo
3. Nature of Conveyance:		_ ,	
★ Assignment	ger □Chan	ge of Name Security Ag	reement
Other			
			and the second
Execution Date(s):8/14/07;8/14/07;		/21/07;8/7/07 respectively	**************************************
Application number(s) or patent r	number(s):		
If this document is being filed tog	ether with a new appli	cation, execution date of the applicat	ion is:
A. Patent Application No.(s)			19 19 19 19 19 19 19 19 19 19 19 19 19 19 19 1
Application No.: 11/911,499	D-4- E		
Application No 11/911,499	Date F	iled: October 12, 2007	
Confirmation No.: 7617		·	
Confirmation No.: 7617		iled: October 12, 2007 ent No.(s):	
Confirmation No.: 7617 Additional numbers attached? <u>NO</u>	B. Pate	ent No.(s):	
Confirmation No.: 7617	B. Pate	ent No.(s): 6. Total number of applications	and patents involved:
Confirmation No.: 7617 Additional numbers attached? NO 5. Name and address of party to who concerning document should be a	B. Pate	6. Total number of applications 7. Total Fee (37 CFR 3.41):	and patents involved:
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Confirmation No.: 7617 Additional numbers attached? NO 5. Name and address of party to wh concerning document should be a Records Manager	B. Pate om correspondence mailed:	6. Total number of applications 7. Total Fee (37 CFR 3.41):	and patents involved:
Confirmation No.: 7617 Additional numbers attached? NO 5. Name and address of party to wh concerning document should be a Records Manager Intellectual Property Administr HEWLETT-PACKARD COMPAN	B. Pate	6. Total number of applications 7. Total Fee (37 CFR 3.41): Enclosed	and patents involved: \$40.00
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Confirmation No.: 7617 Additional numbers attached? NO 5. Name and address of party to whe concerning document should be a concerning document of the lectual Property Administry HEWLETT-PACKARD COMPAN P.O. Box 272400 Fort Collins, Colorado 80527-26 9. Statement and signature. To the best of my knowledge and copy of the original document. Teresa K. Tuma Name of Person Signing	B. Pate	6. Total number of applications 7. Total Fee (37 CFR 3.41):EnclosedX_Authorization to be cha 8. Deposit Account Number: 0	and patents involved:\$40.00 rged to deposit account. 18-2025 by attached copy is a true October 15 2007 Date
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Rev 02/07 (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. __

200700790-2

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:

CONNECTING	COLLABO	RATION NO	DES					
Filing Date:	Oct 1	2,20	07	Application	ı No.:	11/	911 0	199
and the invention	n(s) and i	mprovement(s) set forth therein	n, and any and	all contin			tions-in-part (C-I-
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neld and enjoye erms for which same would hav	d by HPD said Lette e been he	C, its successors rs Patent resp Id and enjoyee	ors, assigns, nom pectively may be d by me/us had th	inees or legal i granted, reissu is assignment,	represent ued or ex and trans	atives, to tended, a sfer not b	the full e is fully ar een made	
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Patent, to HPD	C, its succ	essors, assig	ns, nomin ees or	legal represer	ntatives, a	and I/we	agree to	and said Letters communicate to dication and said
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aid by HPDC;		'	•					
AND I/	we hereby	authorize and	d request the Cor	nmissioner of F	Patents ar	nd Trader	narks of	the United States
ind any official	of any o	ountry or cou	intries foreign to	the United St	tates who	ose duty	it is to i	ssue patents on
ipplications as	aforesaid,	to issue to h	IPDC, as assigned	ee of the entire	right, tit	le and in	terest, an	y and all Letters
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Ted W Beers						011	7 10	
inventor's Typed	Name				Date Appli	cation Sign	ned	
inventor a 1 y pod	1100							
State of)					
JIBIC VI) ss.:					
County of)					
	day of	r	ersonally appeared		Ted W E	Beers		who is personall
Before me this	oay or_	the basis of Sa	atisfactory evidence	to be the person	on who ac	knowledge	ed the fore	egoing instrument o
assignment to be	his/her fre	e act and deed.						
assignment to be	,					tary Public	Funiana	

Page 1 of 3

PATENT

REEL: 019989 FRAME: 0275

HEWLETT-PACKARD COMPANY
intellectual Property Administrator
P.O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200700790-2

ASSIGNMENT OF PATENT APPLICATION (cont.)

iventor's Signature (Sea)	Date Assignment Signed	
lark E Gorzynski		8/14/07	
iventor's Typed Name		Date Application Signed	
		., -	
State of)		
) ss.:		
County of)		
lefore me this day or	, personally appeared	Mark E Gorzynski	who is personally
	on the basis of satisfactory evidence to be		
ssignment to be his/her			
		Notary Public	
		My Commission Expires:	
		-	
nventor's Signature (Sea)	Date Assignment Signed	
	•		
Villiam C Wickes			
ventor's Typed Name		Date Application Signed	
State of)		
) ss.:		
County of)		
Before me this day o	, personally appeared	William C Wickes	who is personally
	on the basis of satisfactory evidence to be	the person who acknowledged the fore	going instrument of
ssignment to be his/her			
		Notary Public	
ě		My Commission Expires:	
nventor's Signature (Sea)	Date Assignment Signed	
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lon A Brewster		- Cinad	
nventor's Typed Name		Date Application Signed	
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County of) nersonally appeared	Jon A Brewster	who is personally
County of	of the basis of satisfactory evidence to be	Jon A Brewster the person who acknowledged the for	who is personally egoing instrument o
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200700790-2

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Inventor's Signature (Seal)		Date Assignment Signed		
Mark E Gorzynski				
Inventor's Typed Name		Date Application Signed		
State of)			
) ss.:			
County of)			
Before me this day of	, personally appeared	Mark E Gorzynski	who is personally	
	asis of satisfactory evidence to be t		e foregoing instrument of	
assignment to be his/her free act a	ina deed.			
		Notary Public My Commission Expire	s [.]	
Wellen C Wa	Res	August 8 200	7	
Inventor's Signature (Seal)		Date Assignment Signed	<u> </u>	
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William C Wickes		Date Application Signed	7	
Inventor's Typed Name		Date Application Signed		
State of)			
) ss.:			
County of)			
Before me this day of	, personally appeared	William C Wickes	who is personally	
known or proved to me on the b	asis of satisfactory evidence to be t			
assignment to be his/her free act a	ına aeea.			
		Notary Public My Commission Expire	s:	
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$\langle \rangle A R$		S/7/	1007	
Inventor's Signature (Seal)	n	Date Assignment Signed		
Triveritor's dignature (Ocal)		01/5	/ -	
Jon A Brewster		3//	\mathcal{O}	
Inventor's Typed Name		Date Application Signed	,	
State of)			
) ss.:			
County of)			
Before me this day of	, personally appeared	Jon A Brewster	who is personally	
known or proved to me on the b	asis of satisfactory evidence to be	the person who acknowledged th	e foregoing instrument of	
assignment to be his/her free act a				
		Notary Public		
	Page 2 of 3	My Commission Expire	sa.	
Rev 02/07 (Assignment)	. 250 2 01 0			

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
P.O. Box 272400
Fort Collins, Colorado 80527-2400

Rev 02/07 (Assignment)

PATENT APPLICATION

ASSIGNMENT OF PATENT APPLICATION (cont.)

at I		hour fit some	. ,
Iventor's Signature (Seat)		Date Assignment Signed	
		1 office	
Sarrett Daniel Gargan		- frag 8 200	7
nventor's Typed Name		Gitte Application Signed	
itate of)		
) ss .:		
County of)		
Before me this day of	, personally appeared	Garrett Daniel Gargan	who is personally
nown or proved to me on the basis	of satisfactory evidence to be t		foregoing instrument of
ssignment to be his/her free act and	aeea.		
		Notary Public My Commission Expires	 -
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oventor's Signature (Seal)		Date Assignment Signed	· · · · · · · · · · · · · · · · · · ·
effrey L Thi ei man			
ventor's Typed Name		Date Application Signed	
State of)		
) ss.:		
County of)		
efore me this day of	, personally appeared	Jeffrey L Thielman	who is personally
nown or proved to me on the basis issignment to be his/her free act and		he person who acknowledged the	foregoing instrument of
		Notary Public	
		My Commission Expires	
nventor's Signature (Seal)		Date Assignment Signed	
and Ovantare			
Scott Grasiey nventor's Typed Name		Date Application Signed	
TOPING STYPEG THEIR			
State of)		
) ss .:		
County of	}		
Before me this day of	, personally appeared	Scott Grasley	who is personall
known or proved to me on the basis	of satisfactory evidence to be	the person who acknowledged the	foregoing instrument o
assignment to be his/her free act and	GECU.	Notary Public	
		My Commission Expire	6 :
	Page 3 of 3	-	

PATENT

REEL: 019989 FRAME: 0278

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. ____

200700790-2

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Inventor's Signature (Seal)		Date Assignment Signed	
Garrett Daniel Gargan			
Inventor's Typed Name		Date Application Signed	
State of)		
) ss.:		
County of)		
Before me this day of	, personally appeared	Garrett Daniel Gargan	who is personally
	sis of satisfactory evidence to be	the person who acknowledged the	
		Notary Public	
		My Commission Expires:	
Author I The	ich	8/21/07	,
Inventor's Signature (Seal)		Date Assignment Signed	
· ·		2/21/20	
Jeffrey L Thielman		8/21/01	
Inventor's Typed Name		Date Application Signed	
State of)		
) ss.:		
County of	,		
Before me thisday of	, personally appeared	Jeffrey L Thielman	who is personally
known or proved to me on the bas assignment to be his/her free act an	sis of satisfactory evidence to be	the person who acknowledged the	foregoing instrument of
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last has	$(I_A \wedge I)$	8/2/07	
1) Cult Scall	$\omega\omega\gamma$	Date Assignment Signed	
Inventor's Signature (Seal)	O	1.1.2	
Scott Grasley		8/7/0/	
Inventor's Typed Name		Date Application Signed	
•••			
State of)		
) ss.:		
County of)		who is personally
	, personally appeared	Scott Grasley	who is personally
known or proved to me on the ba	sis of satisfactory evidence to be	the person who acknowledged the	loregoing madument of
assignment to be his/her free act ar	nd deed.	Notary Public	
		My Commission Expires	:
	Page 3 of	3	
Rev 02/07 (Assignment)			

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