FORM PTO-1595 1-31-92	07-14-2004 	WWW SHEET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
		SHEET	Attorney Docket No. 200400396-1
1. Name of conveying party(ies):	102791048	and addre	ess of receiving party(ies):
Sam Jung-Won Lee			
Charles J. Bordelon		20555 SH 249	(ARD DEVELOPMENT COMPANY, L.P.
Wayne P. Sharum		Houston, TX 7	77070
Joseph W. Hoch			0,4 <b>≥</b>
			38 €
			834
Additional name(s) of conveying party(ies) att	achedYes _X No	Additional name(s) & ac	ddress(es) attached?Yes _X No
3. Nature of Conveyance:			
X Assignment	Merger	_	_ Change of Name
Security Agreement	Other		•
Function Data(a), Jul 01, 2004			7-1-04
Execution Date(s): Jul 01, 2004  4. Application number(s) or patent no	umber(e):		, , ,
If this document is being filed togeth	ner with a new applic	cation, execution dat	te of the application is: Jul 01, 2004
A. Patent Application No.(s)			B. Patent No.(s)
Application No.:	Date Filed:		
Confirmation No.:	Additional numbe	ers attached? NO	10883416
5. Name and address of party to who concerning document should be n		6. Total number of	applications and patents involved: 1
Records Manager		7. Total Fee (37 CF	R 3.41): \$40.00
Intellectual Property Administration HEWLETT-PACKARD COMPANY	on	Enclosed	
P.O. Box 272400		<b>Χ</b> Δuthoriza	ition to be charged to deposit account.
Fort Collins, Colorado 80527-24	00	Addition2d	
		8. Deposit Account	t Number: <u>08-2025</u>
	DO NOT USE	THIS SPACE	
9. Statement and signature.			
To the best of my knowledge and be true copy of the original document.	elief, the foregoing in	nformation is true an	d correct and any attached copy is a
and dept or the original decament.			
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Matthew C. Fagan	//tal/lic	The Comment of the Co	Jul 01, 2004
Name of Person Signing	Signature	ing sover sheet, attach	Date ments, and document: 6
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PATENT APPLICATION

ATTORNEY DOCKET NO. 200400396-1

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado <del>8</del>0527-2400

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, (hereinefter 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:

Application No.:  and the invention(s) and improvement(s) set forth therein, and any continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for setters Patent, and any and all Latters Patent of the United States and of countring be granted thereon or therefor; and any reissues, or reexaminations, or extent.  I/we additionally authorize HPDC to file applications in my/our name for country, to be held and enjoyed by HPDC, its successors, easigns, nominees or the full end of the term or terms for which said Latters Patent respectively may extended, as fully and entirely as the same would have been held and enjoyed my extended, as fully and entirely as the same would have been held and enjoyed my extended, as fully and entirely as the same would have been held and enjoyed my extended, as fully and entirely as the same would have been held and enjoyed my extended, as fully and entirely as the same would have been held and enjoyed the latter of the latter of the latter interest i	
continuations-in-pert (C-IP's), divisionals, and renewals of and substitutes for country testers Patent, and any and all Letters Patent of the United States and of country may be granted thereon or therefor; and any reissues, or reexaminations, or eretent.  I/we additionally authorize HPDC to file applications in my/our name for country, to be held and enjoyed by HPDC, its successors, assigns, nominees or the full end of the term or terms for which said Letters Patent respectively may extended, as fully and entirely as the same would have been held and enjoyed mental sessignment, and transfer not been mede;  AND I/we hereby covenant that I/we have full right to convey the entire interested in the sessing ment, and transfer not been mede;  AND I/we have not executed and will not execute any agreement in conflict he covenant and agree that I/we will, each time a request is made, and without lealiver all such papers as may be necessary or desirable to perfect the title improvement(s), said epplication and said Letters Patent, to HPDC, its successors agail representatives, and I/we agree to communicate to HPDC, or to its mapper and expecting said invention(s) or improvement(s), said application and said Letters agail proceedings, to sign all lewful papers, to execute all disclaimers and di-IP's, relasue and foreign applications, to make all rightful oaths and declarativerything possible to aid HPDC, its successors, assigns, nominees and legal rund enforce, for its or their own benefit, proper petent protection for said invention and all countries provided the expenses which may be incurred by cooperation and assistance are paid by HPDC;  AND I/we hereby authorize and request the Commissioner of Patents and Tristates and any official of any country or countries foreign to the United States which may be issued and granted on or as a result of the interest of this assignment.  I/we further authorize and direct the attorneys of record to insert the serial neid application now identified by the attorney docket number an	
country, to be held and enjoyed by HPDC, its successors, assigns, nominees or the full and of the term or terms for which said Letters Patent respectively may extended, as fully and entirely as the same would have been held and enjoyed extended, as fully and entirely as the same would have been held and enjoyed extended, as fully and entirely as the same would have been held and enjoyed extended, as fully and entirely as the same would have been held and enjoyed extended, and without unless that I/we have not executed and will not execute any agreement in conflict he that I/we have not executed and will not execute any agreement in conflict he toverent and agree that I/we will, each time a request is made, and without unlessly the papers as may be necessary or desirable to perfect the title inprovement(s), said application and said Letters Patent, to HPDC, its successor again representatives, and I/we agree to communicate to HPDC, for to its not espacting said invention(s) or improvement(s), said application and said Letters and applications, to make all rightful oaths and declaration expected and foreign applications, to make all rightful oaths and declarations and elicountries provided the expenses which may be incurred by cooperation and assistance are paid by HPDC;  AND I/we hereby authorize and request the Commissioner of Patents and Traditates and any official of any country or countries foreign to the United States watents on applications as aforesaid, to issue to HPDC, as assignee of the entire my and all Letters Patent for asid invention(s) or improvement(s), including any ne United States which may be issued and granted on or as a result of the incordance with the terms of this essignment.  I/we further authorize and direct the attorneys of record to insert the serial in aid application now identified by the attorney docket number and title set fortified by Signature (See)  United States Patent for asid invention(s) or improvement(s), including any intentions Signate.  Date Application Signad:    Date	said application for said les foreign thereto which
hat I/we have not executed and will not execute any agraement in conflict he covenent and agree that I/we will, each time a request is made, and without uselliver all such papers as may be necessary or desirable to perfect the title improvement(s), said epplication and said Letters Patent, to HPDC, its successon agal representatives, and I/we agree to communicate to HPDC, or to its no especting said invention(s) or improvement(s), seid application and said Letters espacting said invention(s) or improvement(s), seid application and said Letters espacting said invention(s) or improvement(s), seid application and said Letters espacting said invention(s) or improvement(s), seid application and said Letters and disclaimers and disclaimers and disclaimers and disclaimers and declarating the successors, assigns, nominees and legal representation and said to each the successors, assigns, nominees and legal representation and all countries on banefit, proper patent protection for said invention and any and all countries provided the expenses which may be incurred by cooperation and assistance are paid by HPDC;  AND I/we hereby authorize and request the Commissioner of Patents and Tractates and any official of any country or countries foreign to the United States and any official of any country or countries foreign to the United States which may be issued and granted on or as a result of the accordance with the terms of this assignment.  I/we further authorize and direct the attorneys of record to insert the serial maid application now identified by the attorney docket number and title set fortified application now identified by the attorney docket number and title set fortified application now identified by the attorney docket number and title set fortified application now identified by the attorney docket number and title set fortified application in the set of the se	legal representativas, to be granted, reissued o
states and any official of any country or countries foreign to the United States we atents on applications as aforesaid, to issue to HPDC, as assignee of the entire ny and all Letters Patent for said invention(s) or improvement(s), including any the United States which may be issued and granted on or as a result of the accordance with the terms of this assignment.  I/we further authorize and direct the attorneys of record to insert the serial number and title set forth and application now identified by the attorney docket number and title set forth ame shall have been made known to them by the United States Patent and Tradical IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):    Date Assignment Signed:	rewith, and I/we further name delay, execute and to said invention(s) or its, assigns, nominees or its, assigns, nominees, all known facts. Patent, to testify in any visionals, continuations, and generally to deepresentatives to obtain in (s) or improvements.
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):  Date Assignment Signed:  Jentor's Signature (Seel)  Jentor's Typed Name: Sam Jung-Won Lee  Before me this day of, personelly appeared Sam Jung-Won Lee	whose duty it is to issue right, title and interest, and all Letters Patent of
Date Assignment Signed: // Ull ventor's Signature (Seel) ventor's Typed Name: Sam Jung-Won Lee Date Application Signed: // ste of	h above as soon as the
ste of } unity of } Before me this day of , personally appeared Sam June-Won Lan	
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Before me this day of , personally appeared Sam Jung-Won t as	<del></del>
Before me this day of, personally appeared Sam Juna-Won Lup sonally known or proved to me on the beals of satisfactory evidence to be the person who	
trument of assignment to be his/her free act and deed.	who is acknowledged the foregoing
Notary Public	

it ion Dank Two Enr Additional Invantorial Signature(s))

Pege 1 of 2

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HEWLETT-PACKARD COMPANY
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P. O. 80x 272400
Fort Colline. Coloredo 80527-2400

	PATEN	T APPLICATION	
ATTORNEY	DOCKET NO.	200400396-1	

## ASSIGNMENT OF PATENT APPLICATION (cont.)

		Date Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Cha	ries J. Bordelan	Date Application Signed:
State of	}	
County of	3 **.:	
•	}	
Before me this day personally known or proved instrument of assignment to b	to me on the basis of set	personally appeared <u>Charles J. Bordelen</u> who isfactory evidence to be the person who ecknowledged the forego
		Namery Pythic
		My commission expires:
nventor's Signature (Seal)		Date Assignment Signed:
nventor's Typed Name: Ways	ne F. Sherum	Date Application Signed:
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Rev 10/03 (Assign)

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## PATENT APPLICATION

ATTORNEY DOCKET NO. \_200400396-1

## **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 Parent of the Heistest, entitled:

OPERATING SYSTEM IN	STALLATION	
Filing date:		Application No.:
continuations-in-part (C- Letters Patent, and any	I-P's), divisionals, ar and all Letters Paten	s) set forth therein, and any and all continuations, nd renewals of and substitutes for said application for said tof the United States and of countries foreign thereto which y reissues, or reexaminations, or extensions of said Letters
country, to be held and the full end of the term	enjoyed by HPDC, it or terms for which sentirely as the same	file applications in my/our name for Letters Patent in any ts successors, assigns, nominees or legal representatives, to said Letters Patent respectively may be granted, reissued or ne would have been held and enjoyed by me/us had this
that I/we have not exect covenant and agree that deliver all such papers improvement(s), said ap legal representatives, as respecting said invention legal proceedings, to si C-I-P's, reissue and fore everything possible to a and enforce, for its or the	euted and will not ext.  I/we will, each time as may be necessa plication and said Lend I/we agree to con(s) or improvement(gn all lawful papersign applications, to rid HPDC, its successeir own benefit, projes provided the exp	re full right to convey the entire interest herein assigned, and kecute any agreement in conflict herewith, and I/we further e a request is made, and without undue delay, execute and any or desirable to perfect the title to said invention(s) or etters Patent, to HPDC, its successors, assigns, nominees or communicate to HPDC, or to its nominee, all known facts (s), said application and said Letters Patent, to testify in any side, to execute all disclaimers and divisionals, continuations, make all rightful oaths and declarations, and generally to do its easily in any essers, assigns, nominees and legal representatives to obtain per patent protection for said invention(s) or improvement(s) tenses which may be incurred by me/us in lending such its contraction of the said invention (s) in lending such its contraction of the said invention (s) in lending such its contraction of the said invention (s) or improvement(s) tenses which may be incurred by me/us in lending such its contraction of the said invention (s) or improvement(s) tenses which may be incurred by me/us in lending such its contraction of the said invention (s) or improvement(s) tenses which may be incurred by me/us in lending such its contraction of the said invention (s) or improvement(s) tenses which may be incurred by me/us in lending such its contraction of the said invention of the said invention (s) or improvement (s) tenses which may be incurred by me/us in lending such its contraction of the said invention
States and any official or patents on applications and and all Letters Pater	f any country or cou as aforesaid, to issue at for said invention(s a may be issued and	the Commissioner of Patents and Trademarks of the United untries foreign to the United States whose duty it is to issue to HPDC, as assignee of the entire right, title and interest, s) or improvement(s), including any and all Letters Patent of d granted on or as a result of the application aforesaid, in it.
said application now ide	ntified by the attorn	rneys of record to insert the serial number and filing date of bey docket number and title set forth above as soon as the by the United States Patent and Trademark Office.
IN WITNESS WHERE	OF, I/we hereunto se	et my/our hand(s) and seal(s):
		Date Assignment Signed:
nventor's Signature (Seal)		
nventor's Typed Name: <u>Sam J</u>	ung-Won Les	Date Application Signed:
State of	1	
County of	) <b>ss.:</b> )	
Before me this day opersonally known or proved to instrument of assignment to be	me on the basis of sa	personally appeared <u>Sam Jung-Won Lee</u> who is atisfactory evidence to be the person who acknowledged the foregoing .
		Notary Public

Rev 10/03 (Assign)

(Use Page Two For Additional Inventor(s) Signature(s))

Page 1 of 2

PATENT REEL: 015549 FRAME: 0546 When recorded please return to: HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

PATEN	IT APPLICATION
ATTORNEY DOCKET NO.	200400396-1

## ASSIGNMENT OF PATENT APPLICATION (cont.)

	o set my/our hand(s) and seal(s):
Chale of Ballon	Date Assignment Signed:
III A BUTCOL & CHARACTOLE (C) POOL	7.1.04
nventor's Typed Name: Charles J. Bordelon	Date Application Signed: 7.1-09
State of )	
•	) as.:
County of )	
	personally appeared <u>Charles J. Bordelon</u> who asis of satisfactory evidence to be the person who acknowledged the foregoin and deed.
	Notary Public
	My commission expires:
1 11	, ,
Wagne Marin	Date Assignment Signed:
inventor/s Signature (Seal)	7/1/124
nventor's Typed Name: Wayns P. Sharum	Date Application Signed: 7//04
State of )	·
} County of	SS.:
nstrument of assignment to be his/her free act	asis of satisfactory evidence to be the person who acknowledged the foregold and deed.
	Notary Public
	My commission expires:
0-12561	Date Assignment Signed: 7/104
venter's Aignature (Seal)	Date Assignment Signed:
ventor's Typed Name: Joseph W. Hoch	Date Application Signed: 7/104
sate of	
	<b>8\$.:</b>
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Before me this day of ersonally known or proved to me on the ba strument of assignment to be his/her free act a	sis of satisfactory evidence to be the person who acknowledged the foregoin
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ersonally known or proved to me on the ba	isis of satisfactory evidence to be the person who acknowledged the foregoin and deed.  Notary Public

(Use Page Three For Additional Inventor(s) Signature(s))

Rev 10/03 (Assign)

**RECORDED: 07/01/2004** 

**PATENT REEL: 015549 FRAME: 0547**