FORM PTO-1595	05-08-2	002 U.S. DEPARTMENT OF COMMERCI
1-31-92		:T Patent and Trademark Office
4/22/02	102081	Attorney Docket No. <u>10010485-2</u>
1. Name of conveying party(ies):	102001	Z. Name and address of receiving party(ies):
Alan H. Karp		HEW/LETT-PACKARD COMPANY
Claudio Bartolini		Intellectual Property Administration P.O. Box 272400
Shamik D. Sharma		Fort Collins, Colorado 80527-2400
Arindam Banerji	• •	
Kannan Govindarajan		
Gregory Pogossiants		
Additional name(s) of conveying party(ies) attached	IYes No	Additional name(s) & address(es) attached?YesX No
3. Nature of Conveyance:		
X Assignment	Merger	Change of Name
Security Agreement	Other	
		01; 11/24/2001; 12/17/2001 & 01/18/02
4. Application number(s) or patent number	er(s):	
If this document is being alled together v	vith a new appli	ication, execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
Application No.: 09/994,635	Date Filed: 11	/28/2001
Confirmation No.: 7721 A	dditional numb	ers attached? NO
5. Name and address of party to whom o concerning document should be mailed	•	6. Total number of applications and patents involved:1
Records Manager HEWLETT-PACKARD COMPANY		7. Total Fee (37 CFR 3.41): \$40.00
Ann Jesus		Enclosed
1501 Page Mill Rd M/S 1197 Palo Alto, CA 94304		X Authorization to be charged to deposit account.
		8. Deposit Account Number: 08-2025
	DO NOT USE	THIS SPACE
9. Statement and signature.		
_	the foregoing i	information is true and correct and any attached copy is a
	/)	
	14	1 -
Ann Jesus		Apr 10, 2002
Name of Person Signing	Signature Include	Date
	er of pages includ	ling cover sheet, attachments, and document: 9
OMB No. 0651-0011 (exp. 4/94)	Do Not doto:	sh this portion
 Mail document to be recorded with requir	 	th this portion information to:
5/06/2002 LINUELLER 00000193 082025 09994635	Commissio	ner for Patents
L FC:581 40.00 CH	l .	ssignment n, D.C. 20231

Rev 10/01 (Recdasgn)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY

Attorney Docket No. 10010485-2

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Scott L. Williams	HEWLETT-PACKARD COMPANY
	Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400

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

PATENT APPLICATION ATTORNEY DOCKET NO. 10010485-2

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, 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:

A COMPUTER LANGUAGE FOR DEFINING BUSINESS CONVERSATIONS	
Filing date: 11/28/2001 Application No.: 09/994,635	
and the invention(s) and improvement(s) set forth therein, and any and all continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application tetters Patent, and any and all Letters Patent of the United States and of countries foreign which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions Letters Patent.	for said thereto
I/we additionally authorize HP to file applications in my/our name for Letters Patent in any of to be held and enjoyed by HP, its successors, assigns, nominees or legal representatives, to the of the term or terms for which said Letters Patent respectively may be granted, reissued or exas fully and entirely as the same would have been held and enjoyed by me/us had this assignment transfer not been made;	full end tended,
AND I/we hereby covenant that I/we have full right to convey the entire interest herein as and that I/we have not executed and will not execute any agreement in conflict herewith, are further covenant and agree that I/we will, each time a request is made, and without undue execute and deliver all such papers as may be necessary or desirable to perfect the title invention(s) or improvement(s), said application and said Letters Patent, to HP, its successors, a nominees or legal representatives, and I/we agree to communicate to HP, or to its nominee, all facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to in any legal proceedings, to sign all lawful papers, to execute all disclaimers and division to continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declaration generally to do everything possible to aid HP, its successors, assigns, nominees and representatives to obtain and enforce, for its or their own benefit, proper patent protection finvention(s) or improvement(s) in any and all countries provided the expenses which may be incume/us in lending such cooperation and assistance are paid by HP;	nd I/we delay, to said assigns, known testify sionals, and degal for said
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the States and any official of any country or countries foreign to the United States whose duty it is to patents on applications as aforesaid, to issue to HP, as assignee of the entire right, title and in any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) and granted on or as a result of the application afore accordance with the terms of this assignment.	to issue nterest, atent of
I/we further authorize and direct HP attorneys to insert the serial number and filing date application now identified by the attorney docket number and title set forth above as soon as the shall have been made known to them by the United States Patent and Trademark Office.	of said ie same
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):	
Inventor's Signature (Seal) Date Assignment Signed: 19 November 2001	
Inventor's Typed Name: Alan H. KARP Date Application Signed: 19 November 2001	
State of)	
County of) ss.:	
Before me thisday of, personally appearedAlan H. KARP is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the instrument of assignment to be his/her free act and deed.	who foregoing
Notary Public	
My commission expirés:	

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

PATENT^{of 7}
REEL: 012857 FRAME: 0509

PATENT APPLICATION ATTORNEY DOCKET NO. 10010485-2

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF,	I we hereunto set m	ny/our hand(s) and seal(s):	
Decas (son	blo_	Date Assignment Signed:_	21/1/02
Inventor's Signature (Seal)			•
Inventor's Typed Name: Claudie	BARTOLINI	Date Application	
State of)		
County of) ss.:)		
Before me this day	of	, personally appeared <u>Claudio</u>	BARTOUNI who
is personally known or proved instrument of assignment to be	to me on the basis of	satisfactory evidence to be the p	person who acknowledged the foregoing
			Notary Public
			My commission expires:
		Date Assignment Signed:_	
Inventor's Signature (Seal)			
Inventor's Typed Name: Shami	k D. SHARMA	Date Application	Signed
State of)		
County of) ss.:)		
-	,		- a
Before me this day is personally known or proved instrument of assignment to be	to me on the basis of	, personally appeared <u>Shamik</u> satisfactory evidence to be the d.	D. SHARMA who person who acknowledged the foregoing
			Notary Public
			My commission expires:
		Date Assignment Signed:_	
Inventor's Signature (Seal)			
Inventor's Typed Name: Arinda	m BANERJI	Date Application	Signed
State of)) ss.:		
County of)		
Before me this day is personally known or proved instrument of assignment to be	to me on the basis of	, personally appeared _ Arinda r satisfactory evidence to be the d.	n BANERJI who person who acknowledged the foregoing
			Notary Public My commission expires:

Page 2 of 7

PATENT APPLICATION ATTORNEY DOCKET NO. 100104852

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I	w e nereunto set m	iy/our hand(s) and seal(s):
		Date Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Claudio E	BARTOLINI	Date Application Signed
State of)	
County of) ss.:)	,
•		name and the second of the Page 1141
	me on the basis of	, personally appeared <u>Claudio BARTOUNI</u> who satisfactory evidence to be the person who acknowledged the foregoing d.
		Notary Public -
		My commission expires:
Mamil Das	Chama	Date Assignment Signed: Nov 19, 200 i
Inventor's Signature (Seal)		Date Assignment Signed.
Inventor's Typed Name: Shamik L). SHARMA	Date Application Signed Nov 19, 2001
State of)	
County of) ss.: \	•
•	,	
Before me this day o is personally known or proved to instrument of assignment to be hi	me on the basis of	, personally appearedshamik D. SHARMA who satisfactory evidence to be the person who acknowledged the foregoing d.
		Notary Public
		My commission expires:
Azirdan Ba	wy	Date Assignment Signed: Dec 17, 200
inventor's Signature (Seal)		
nventor's Typed Name: Arindam	BANERJI	Date Application Signed DC 1.7, 2001
State of)	
County of) ss.:)	
Before me this day or s personally known or proved to nstrument of assignment to be hi	me on the basis of	, personally appeared <u>Arindam BANERJI</u> who satisfactory evidence to be the person who acknowledged the foregoing d.
		Notary Public
		My commission expires:

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

Page 3 of 7

PATENT APPLICATION ATTORNEY DOCKET NO. 10010485-2

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto	set my/our hand(s) and seal(s):
Kanna Gondania, -	Date Assignment Signed: リーフレンナ
Inventor's Signature (Seal)	
Inventor's Typed Name: Kannan GOVINDARAJA	N Date Application Signed:
State of)	3.:
County of)	
Before me this day of is personally known or proved to me on the ba- instrument of assignment to be his/her free act ar	, personally appeared <u>Kannan GOVINDARAJAN</u> who sis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public
	My commission expires:
	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name: Gregory POGOSSIANTS	Date Application Signed:
State of)	s.:
County of)	
Before me this day of is personally known or proved to me on the bas instrument of assignment to be his/her free act ar	, personally appeared Gregory POGOSSIANTS who sis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public My commission expires:
	Date Assignment Signed:
nventor's Signature (Seal)	
nventor's Typed Name: Scott L WILLIAMS	Date Application Signed:
State of)	
County of) ss	
Before me this day of s personally known or proved to me on the bas nstrument of assignment to be his/her free act an	, personally appeared <u>Scott L WILLIAMS</u> who sis of satisfactory evidence to be the person who acknowledged the foregoing ad deed.
	Notary Public
	My commission expires:

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

Page 4 of 7

PATENT APPLICATION ATTORNEY DOCKET NO. 10010485-2

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature (Seal)		Date As	signment Si	gned:	
` ,	IDADA IAN				
Inventor's Typed Name: Kannan GOVIN	IDAHAJAN		Date A	pplication Signed:	
State of)				
County of) ss.:)				
Before me this day of is personally known or proved to me instrument of assignment to be his/her	on the basis of	f satisfactory	appeared _ evidence to	Kannan GOVINDARAJAN be the person who acknowledged the foregoes	who going
				Notary Public My commission expires:	
G. Pogossi ants) >			gned: 11/20/2001	
nventor's Typed Name: Gregory POGO	SSIANTS		Date A	pplication Signed: $11/20/200$	2/
State of)			, ,	
County of) ss.:			. •	
Before me this day of s personally known or proved to me on nstrument of assignment to be his/her	on the basis of	satisfactory		Gregory POGOSSIANTS be the person who acknowledged the foreg	w ho joing
				Notary Public	
				My commission expires:	
nventor's Signature (Seal)		Date Ass	signment Sig	ned:	
nventor's Typed Name: Scott L WILLIA	MS		Date Ar	oplication Signed:	
state of)) ss.:				
County of)				
Before me this day of s personally known or proved to me o strument of assignment to be his/her f	on the basis of	satisfactory		Scott L WILLIAMS be the person who acknowledged the foreg	w ho oing
				Notary Public	
				My commission expires:	

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

Page 5 of 7

Rev 10/01 (Assign)

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

PATENT	APPLICATION
ATTORNEY DOCKET NO.	10010485-2

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF,	I we hereunto set my	our hand(s) and seal(s):
		_Date Assignment Signed:
Inventor's Signature (Seal)		
inventor's Typed Name: Kanna	n GOVINDARAJAN	Date Application Signed:
State of)	
County of) ss.:	
	,	
is personally known or proved instrument of assignment to be	to me on the basis of sat	ersonally appeared <u>Kannan GOVINDARAJAN</u> who isfactory evidence to be the person who acknowledged the foregoing
		Notary Public
		My commission expires:
Inventor's Signature (Seal)		_Date Assignment Signed:
	. DOCOCCIANTO	
Inventor's Typed Name: Gregor	y POGOSSIANTS	Date Application Signed:
State of)	
County of) ss.:)	• •
	to me on the basis of sat	ersonally appeared <u>Gregory POGOSSIANTS</u> who isfactory evidence to be the person who acknowledged the foregoing
		Notary Public
		My commission expires:
nventor's Signature (Seal)	d. M	Date Assignment Signed: 11/19/01
nventor's Typed Name: Scott L	. WILLIAMS	Date Application Signed:
State of)) ss.:	
County of)	
	to me on the basis of sati	ersonally appeared <u>Scott L WILLIAMS</u> who sfactory evidence to be the person who acknowledged the foregoing
		Notary Public

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

Page 6 of 7

PATENT APPLICATION ATTORNEY DOCKET NO. 10010485-2

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF,	i we nereunto set m	ny/our hand(s) and seal(s):	
D. K	2	Date Assignment Signed:	11/24/01
Inventor's Signature (Seal)		<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
inventor's Typed Name: Doroti	hea BERINGER	Date Applicatio	n Signed
State of)		
County of) ss.:)		
•	,	corporally appeared. Denoth	PERMICER Who
is personally known or proved instrument of assignment to be	I to me on the basis of		nea BERINGER who person who acknowledged the foregoing
			Notary Public
			My commission expires:
Investoria Signatura (Sool)		Date Assignment Signed:	
Inventor's Signature (Seal)			
Inventor's Typed Name:		Date Applicatio	n Signed
State of)		
County of) ss.:)		··
Before me this day	of	, personally appeared	who
s personally known or proved nstrument of assignment to be	I to me on the basis of :	satisfactory evidence to be the	person who acknowledged the foregoing
			Notary Public
			My commission expires:
		Date Assignment Signed:_	
nventor's Signature (Seal)		•	
nventor's Typed Name:		Date Application	n Signed
State of)) ss.:		
County of)		
Before me this day s personally known or proved nstrument of assignment to be	to me on the basis of s	satisfactory evidence to be the	person who acknowledged the foregoing
			Maken Debia
			Notary Public My commission expires:

Pa

Page 7 of 7

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

Rev 10/01 (Assign2)

RECORDED: 04/22/2002