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MATTORNEY DOCKET NO.

200600317-1

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET			
PATENTS ONLY			
Name of conveying party(ies): Fabio Casati Hamid Reza Motahari Nezahd Boualem Benatallah	2. Name and address of receiving party(ies): HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070		
Additional name(s) of conveying party(ies) attached? 3. Nature of Conveyance: X Assignment Merger Change	No Additional name(s) and address(es) attached? Yes No		
☐Other			
Execution Date(s): August 29, 2006; September 1, 2006; September 1, 2006 4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is: September 1, 2006			
A. Patent Application No.(s) Application No.: 11/469,867 Date File	d: September 3, 2006		
Confirmation No.: 7122 B. Patent			
Additional numbers attached? <u>NO</u>			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41):\$40.00		
Records Manager Intellectual Property Administration	Enclosed		
HEWLETT-PACKARD COMPANY P.O. Box 272400	_X_Authorization to be charged to deposit account.		
Fort Collins, Colorado 80527-2400	8. Deposit Account Number: <u>08-2025</u>		
Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
Joseph G. Swan /Joseph Name of Person Signing Sig	G. Swan/ September 3, 2006 pate		
Total number of pages including coversheet, attachments, and documents: 4			
Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450 Page 1 of 1			

Rev 10/05 (RecdAsgn)

PAGE 3/6 * RCVD AT 9/15/2006 11:24:21 AM [Eastern Daylight Time] * 8VR:USPTO-EFXRF-2/19 * DNI8:2738300 * CSID:13103563845

* DURATION (mm-ss):03-28

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HEV	MLETT-PACKARD COMPANY
	Rectual Property Administrator
P.O	. Box 272400
Fort	Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO.

200600317-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, i...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 subscitisries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

on mead,		
DISCOVERING AND MODELING SERVICE PROTOCOLS		
Filing Date:	Application No.:	
	neral(s) set forth therein, and any and all continuations, continuations-in-part (C- and substitutes for said application for said Letters Patent, and any and all Letter	
Patent of the United States and of reissues, or reexaminations, or exhi-	if countries foreign thereto which may be granted thereon or therefore; and an ensions of said Letters Patent.	
	HPDC to file applications in my/our name for Letters Patent in any country, to b	

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, referend or extended, as fully and antirely as the same would have been held and enjoyed by mofus had this assignment, and transfer not been made;

AND live hereby coverant that live have full right to convey the entire interest herein assigned, and that if we have not executed and will not execute any agreement in conflict herewith, and live further coverant and agree that live 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 tive 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 lewful 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, sesigns, 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 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 filling date of said application now identified by the attorney docket number 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.

	, simulation appropriate management	
in withers whereof	, I'we heresido set mylour hand(z) an	td seel(s):
rdio c-		8/29/06
Inventor's Signature (Seal)		Date Assignment Signed
Fablo Casati		8/29/06
Inventor's Typed Name		Date Application Signed
State of) .	
) 84 .:	
County of)	
Before me this day of	, personally appeared_	who is personally
known or proved to me on the be- assignment to be higher free act an	is of satisfactory evidence to be the I	person who acknowledged the foregoing instrument of
		ROBBy Pulse
Rev 10/05(Assignment)	Page 1 of 2	My Commission Express

PAGE 4/6 * RCVD AT 9/15/2006 11:24:21 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-2/19 * DNIS:2738300 * CSID:13103563845

* DURATION (mm-ss):03-28

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

ATTORNEY DOCKET NO.

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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 prentitled:	riority, in, to and under an application for Letters Patent of the United States	
DISCOVERING AND MODELING SERVICE PROTOCOLS		
Filing Date:	Application No.:	
and the invention(s) and improvement(s P's), divisionals, and renewals of and sure Patent of the United States and of coureissues, or reexaminations, or extension I/we additionally authorize HPD held and enjoyed by HPDC, its success terms for which said Letters Patent responsive would have been held and enjoyed AND I/we hereby covernant that we have not executed and will not executed that I/we will, each time a request is mannecessary or desirable to perfect the tile Patent, to HPDC, its successors, assig HPDC, or to its nominee, all known fact Letters Patent, to testify in any legal procontinuations, C-I-P's, reissue and foreig do everything possible to aid HPDC, it enforce, for its or their own benefit, procountries provided the expenses which paid by HPDC; AND I/we hereby authorize and and any official of any country or coupplications as aforesaid, to issue to HPatent for said invention(s) or improvem be issued and granted on or as a result of the invention of the invention of the application now identified by the attorned been made known to them by the United	i) set forth therein, and any and all continuations, continuations-in-part (C-labstitutes for said application for said Letters Patent, and any and all Letters notices foreign thereto which may be granted thereon or therefore; and any is of said Letters Patent. It is folially thereto which may be granted thereon or therefore; and any is of said Letters Patent in any country, to be ors, assigns, nominees or legal representatives, to the full end of the term or pectively may be granted, reissued or extended, as fully and entirely as the distribution of this assignment, and transfer not been made; it live have full right to convey the entire interest herein assigned, and that I/ute any agreement in conflict herewith, and I/we further covenant and agree da, and without undue delay, execute and deliver all such papers as may be die to said invention(s) or improvement(s), said application and said Letters and invention(s) or improvement(s), said application and said ceedings, to sign all lawful papers, to execute all disclaimers and divisionals, an applications, to make all rightful oaths and declarations, and generally to be successors, assigns, nominees and legal representatives to obtain and apper patent protection for said invention(s) or improvement(s) in any and all may be incurred by me/us in lending such cooperation and assistance are intries foreign to the United States whose duty it is to issue patents on IPDC, as assignee of the entire right, title and interest, any and all Letters for the application aforesald, in accordance with the terms of this assignment, of the application aforesald, in accordance with the terms of this assignment, and contain and title set forth above as soon as the same shall have	
IN WITHESS WHEREOF, I'WE BE	eunto set my/our nand(s) and seal(s):	
Inventor's Signature (Seal)	Date Assignment Signed	
Eable Casell		

Inventor's Signature (Seal)		Date Assignment Signed
Fabio Casati		
Inventor's Typed Name		Date Application Signed
State of)	
) ss.:	
County of)	
Before me this day of	, personally appeared	who is personally
known or proved to me on the tassignment to be his/her free act		e person who acknowledged the foregoing instrument of
		Note'y Public
Rev 10/05(Assignment)	Page 1 of 2	My Commission Expires:

HEWLETT-PACKARD COMPANY Intellectual Property Administrator		PATENT APPLICATION
P.O. Box 272400	ATTORNEY DOCKET NO.	
Fort Callins, Colorado 80527-2400	MARKET OF BATCHT AN	PRIMATION (
ASSIG	NMENT OF PATENT AF	PEICATION (cont.)
IN WITNESS WHEREOF, UNO P	nereunto set my/our hand(s)	and seal(s): 69/61/2006 Date Assignment Signed 99/61/2006
inventor's alignature (Seal)	***************************************	Date Assignment Signed
Hamid Reza Motehari Nezhad		09/01/2006
Inventor's Typed Name		Date Application Signed
State of)) ss.:	
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Before me thisday of,	personally appeared	who is personally
known or proved to me on the basis of assignment to be his/her free act and deed		ne person who acknowledged the foregoing instrument of
		Notary Public My Commission Expires:
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known or proved to me on the basis of assignment to be his/her free act and deed		he person who acknowledged the foregoing instrument of
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Rev 10/05(Assignment)	Page 2 of 2	My Commission Expires:

PAGE 6/6 * RCVD AT 9/15/2006 11:24:21 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-2/19 * DNIS:2738300 * C8ID:13103563845 * DURATION (mm-ss):03-28

PATENT REEL: 018314 FRAME: 0797

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