FORM PIO-1595 1-31-92	10-10-2001		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
			Attorney Docket No. 10012520-1	
Name of conveying party(ies): Ludmilla Cherkasova Gianfranco Ciardo OCT - 1	101868 0/0//0/	147 HEWLETT Intellectua P.O. Box	ddress of receiving party(ies): -PACKARD COMPANY al Property Administration	
Additional name(s) of conveying party(les) attach	nedYes No	Additional name	(s) & address(es) attached?YesX No	
3. Nature of Conveyance:				
X Assignment	Merger		Change of Name	
Security Agreement	Other			
Execution Date(s): 07/18/2001 & 07/2	6/2001			
4. Application number(s) or patent num	iber(s):			
If this document is being filed together	r with a new appli	cation, execut	ion date of the application is:	
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.: 09/870,060	Date Filed: 05	/29/2001		
Confirmation No.: 7146	Additional numb	ers attached? _	NO	
		6. Total numb	per of applications and patents involved:1	
concerning document should be mailed: Records Manager HEWLETT-PACKARD COMPANY Ann Jesus 1501 Page Mill Rd M/S 4U-10 Palo Alto, CA 94304		End X_ Au	37 CFR 3.41): \$40.00 closed thorization to be charged to deposit account.	
	DO NOT US	THIS SPACE		
9. Statement and signature. To the best of my knowledge and beli true copy of the original document.			true and correct and any attached copy is a	
Lloyd E. Dakin, Jr.	1/5	211	Sep 28, 2001	
Name of Person Signing	Signature		Date	
Total number of pages including cover sheet, attachments, and document:3				
OMB No. 0651-0011 (exp. 4/94)		·····		
Do Not detach this portion Mail document to be recorded with required cover sheet information to: Commissioner for Patents Box Assignment Washington, D.C. 20231				

PATENT

REEL: 012222 FRAME: 0838

PATENT APPLICATION ATTORNEY DOCKET NO. 10012520-1

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:

under an application for Letters Patent of the		
A Method For Cache Replacement Of Web Do	ocuments	
Filing date: 05/29/2001	Application No.:	09/870,060
and the invention(s) and improvement(s) continuations-in-part (C-I-P's), divisionals, and Letters Patent, and any and all Letters Pate which may be granted thereon or therefor; ar Letters Patent.	d renewals of and substitute ent of the United States and	s for said application for said I of countries foreign thereto
I/we additionally authorize HP to file appl to be held and enjoyed by HP, its successors, of the term or terms for which said Letters I as fully and entirely as the same would have transfer not been made;	, assigns, nominees or legal re Patent respectively may be g	epresentatives, to the full end ranted, reissued or extended,
AND I/we hereby covenant that I/we had and that I/we have not executed and will in further covenant and agree that I/we will, execute and deliver all such papers as mainvention(s) or improvement(s), said application nominees or legal representatives, and I/we affacts respecting said invention(s) or improver in any legal proceedings, to sign all law continuations, C-I-P's, reissue and foreign apgenerally to do everything possible to representatives to obtain and enforce, for it invention(s) or improvement(s) in any and all me/us in lending such cooperation and assists.	each time a request is mad y be necessary or desirable on and said Letters Patent, to agree to communicate to HP, ment(s), said application and yful papers, to execute all pplications, to make all rightfu aid HP, its successors, a ts or their own benefit, prop countries provided the expen ance are paid by HP;	n conflict herewith, and I/We e, and without undue delay, at to perfect the title to said to HP, its successors, assigns, or to its nominee, all known said Letters Patent, to testify disclaimers and divisionals, all oaths and declarations, and ssigns, nominees and legater patent protection for said ses which may be incurred by
AND I/we hereby authorize and request to States and any official of any country or country at the patents on applications as aforesaid, to issue any and all Letters Patent for said invention(state United States which may be issued and accordance with the terms of this assignment.	ntries foreign to the United Si e to HP, as assignee of the s) or improvement(s), includin I granted on or as a result o	tates whose duty it is to issue entire right, title and interest g any and all Letters Patent o
I/we further authorize and direct HP at application now identified by the attorney do shall have been made known to them by the	icket number and title set for	th above as soon as the same
IN WITNESS WHEREOF, I/we hereunto s	et my/our hand(s) and seal(s)	:
) Charkasor	Date Assignment Signed:	07/18/2001
Inventor's Signature (Seal)		27/21/221
Inventor's Typed Name: <u>Ludmila Cherkasova</u>	Date Application Sig	gned: 07/18/2001
State of		
) ss.: County of		
		erkasova wh
Before me this day of	satisfactory evidence to be the per-	son who acknowledged the foregoin
	 N	otary Public
		fy commission expires:
and the second s	onel Inventorie) Signature(s))	Page 1 of 2

PATENT APPLICATION
ATTORNEY DOCKET NO. _ 10012520-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto se	t my/our hand(s) and seal(s):
Inventor's Signifure (See)	Date Assignment Signed: July 26, 2001 Date Application Signed: + 110101
involved a Signature (Seal)	4/2/1/1
Inventor's Typed Name: Gianfranco Ciardo	Date Application Signed: 1
state of VIIGHA Country of WIII amshur,) ss.:	, personally appeared <u>Gianfranco Ciardo</u> who of satisfactory evidence to be the person who acknowledged the foregoing
Before me this Landay of July 200	personally appeared Gianfranco Ciardo who
is personally known or proved to me on the basis	of satisfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to be his/her free act and d	Notary Public My commission expires: 6/30/02
	My commission expires: 613402
Incorporate Circumstance (Const)	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed:
State of)	
) ss.: County of	
•	
is personally known or proved to me on the basis of instrument of assignment to be his/her free act and d	, personally appeared who of satisfactory evidence to be the person who acknowledged the foregoing leed.
•	Notery Public
	My commission expires:
•	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed:
State of)	
) ss.:	·
County of)	
	, personally appeared who of satisfactory evidence to be the person who acknowledged the foregoing eed.
	Notary Public
	My commission expires:

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

Rev 06/01 (Assign)

PATENT REEL: 012222 FRAME: 0840

Page 2 of 2