FORM PTO-1595	05-09-2000 DEPARTMENT OF COMMERCE
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ų i	⇒y Docket No. 10992259-1
Name of conveying party(ies):	101351297
Ram Santhanam	HEWLETT-PACKARD COMPANY
Junji Yamamoto	Intellectual Property Administration
Marcus Scholz	P.O. Box 272400 Fort Collins, Colorado 80528-9599
Daniel S. Kline	
Additional name(s) of conveying party(ies) attachedYes	X_No Additional name(s) & address(es) attached?Yes _X_No
3. Nature of Conveyance:	
X Assignment Me	erger Change of Name
Security AgreementOtl	her
Execution Date(s): 02/07/2000, 01/25/2000, 1/25	/2000, 2/25/2000
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:
A. Patent Application No.(s)	B. Patent No.(s)
Serial No.: 09/477,646 Date Filed: 01/05/2000	
Additional	numbers attached? NO
5. Name and address of party to whom correspond concerning document should be mailed:	lence 6. Total number of applications and patents involved: 1
Records Manager	7. Total Fee (37 CFR 3.41): \$40.00
HEWLETT-PACKARD COMPANY	Enclosed
3000 Hanover street, M/S 20BO Palo Alto, CA 94304-1112	
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PATENT REEL: 010760 FRAME: 0522

ATTORNEY DOCKET NO. 10992259-1

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80528-9599

## **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:

	nd assigns, the entire right, n for Letters Patent of the U	nited States entitled:
Ink-Jet Print (	Cartridge Having A Low Pro	file
Filing date:	Jan 5, 2000	Serial No.: 09/477,646
continuations Letters Paten	s-in-part (C-I-P's), divisionals t, and any and all Letters Pa	ent(s) set forth therein, and any and all continuations, and renewals of and substitutes for said application for said itent of the United States and of countries foreign thereto which any reissues, or reexaminations, or extensions of said Letters
be held and e	enjoyed by HP, its successo terms for which said Letters irely as the same would ha	applications in my/our name for Letters Patent in any country, to rs, assigns, nominees or legal representatives, to the full end of a Patent respectively may be granted, reissued or extended, as we been held and enjoyed by me/us had this assignment, and
that I/we have covenant and deliver all su improvement legal represe respecting sa legal proceed C-I-P's, reissi everything poenforce, for i any and all	we not executed and will not agree that I/we will, each ach papers as may be nector, said application and sath actives, and I/we agree aid invention(s) or improvemings, to sign all lawful paus and foreign applications, assible to aid HP, its succestits or their own benefit, pro	have full right to convey the entire interest herein assigned, and t execute any agreement in conflict herewith, and I/we further time a request is made, and without undue delay, execute and essary or desirable to perfect the title to said invention(s) or id Letters Patent, to HP, its successors, assigns, nominees or to communicate to HP, or to its nominee, all known facts ent(s), said application and said Letters Patent, to testify in any pers, to execute all disclaimers and divisionals, continuations, to make all rightful oaths and declarations, and generally to do sors, assigns, nominees and legal representatives to obtain and per patent protection for said invention(s) or improvement(s) in expenses which may be incurred by me/us in lending such P;
States and an patents on ap and all Letter United State	ny official of any country or oplications as aforesaid, to its is Patent for said invention(s	lest the Commissioner of Patents and Trademarks of the United countries foreign to the United States whose duty it is to issue sue to HP, as assignee of the entire right, title and interest, any s) or improvement(s), including any and all Letters Patent of the digranted on or as a result of the application aforesaid, in ment.
application ne	ow identified by the attorne	P attorneys to insert the serial number and filing date of said y docket number and title set forth above as soon as the same the United States Patent and Trademark Office.
IN_WITN	<b>¢</b> ŚS WHEREOF, I/we hereun	to set my/our hand(s) and seal(s):
5.	ture (Seal)	Date Assignment Signed: じと/の1/2べつ
Inventor's Signa	ture (Seal)	• • •
Inventor's Typed	Name: Ram Santhanam	Date Application Signed: 02/07/2027
State of H	1. 1. 1. 1. 1.	•
County of	) <b>ss.</b>	
personally know	nis day oft t uat f on or proved to me on the basis signment to be his/her free act and	green green green green green who is of satisfactory evidence to be the person who acknowledged the foregoing deed.
	ANNIYCAS	Notary Public
	ANNEYGAS mmission # E 80791 - \$ ay man \$	My commission expires: $I/(3 \mathbb{Z}_{2}) \cdot CC \mathbb{Z}_{2}$

.(Use Rate Two For Additional Inventor(s) Signature(s))

Rev 12/99 (Assign)

PATENTage 1 of 1
REEL: 010760 FRAME: 0523

ATTORNEY DOCKET NO. 10992259-1

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80528-9599

## **ASSIGNMENT OF PATENT APPLICATION (cont.)**

he land	D. A
Inventor's Signature (Seal)	Date Assignment Signed: /23/00
Inventor's Typed Name: Junji Yamamoto	Date Application Signed: על ביב / סל ב
State of CACIFORNIA )	,
County of $A \land A \land E \land A $ ) ss.	.:
Before me this A day of SHINLARY A	<b>LOC</b> , personally appeared
instrument of assignment to be his/her free act and	
	anntyga
ANN YGAS	Notary Public  My commission expires: 4/3:1205
emmission, a 8079 :	My commission expires. 7, 2.78 CA
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. 1 - /4/× 2%, 2002	
When the	Date Assignment Signed: 1/25/00
Inventor's Signature (Seal)	
Inventor's Typed Name: Marcus Scholz	Date Application Signed: 1/25/03
C4 /3481	
State of ("ALTICKNIH")	
) ss.: County of SAN DIECO )  Before me this X <sup>M</sup> day of JNNAARAA	::  Which personally appeared Marcus Scholz with the forest of satisfactory evidence to be the person who acknowledged the forest
) ss.: County of SAN DIECO )  Before me this X <sup>M</sup> day of JNNAARAA	we of satisfactory evidence to be the person who acknowledged the fore-
Before me this <u>LCY</u> day of <u>JF) NuHRy 2</u> personally known or proved to me on the basis instrument of assignment to be his/her free act and	we personally appeared Marcus Scholz was of satisfactory evidence to be the person who acknowledged the forest deed.
Before me this <u>LCY</u> day of <u>JHNUHRY2</u> personally known or proved to me on the basis instrument of assignment to be his/her free act and ANN LYCA.	we personally appeared Marcus Scholz who acknowledged the forest deed.
Before me this <u>LCY</u> day of <u>JFINUHRY 2</u> personally known or proved to me on the basis instrument of assignment to be his/her free act and	we personally appeared Marcus Scholz who acknowledged the forest deed.  When the person who acknowledged the forest deed.  Notary Public
Before me this <u>LCY</u> day of <u>JHNUHRY2</u> personally known or proved to me on the basis instrument of assignment to be his/her free act and ANN LYCA.	we of satisfactory evidence to be the person who acknowledged the forest deed.  When the person who acknowledged the forest deed.
Before me this LYV day of THNUARY Dersonally known or proved to me on the basis instrument of assignment to be his/her free act and Commission	we personally appeared Marcus Scholz was of satisfactory evidence to be the person who acknowledged the forest deed.
Before me this <u>LCY</u> day of <u>JHNUHRY2</u> personally known or proved to me on the basis instrument of assignment to be his/her free act and ANN LYCA.	Date Assignment Signed:
Before me this LYV day of THNUARY Dersonally known or proved to me on the basis instrument of assignment to be his/her free act and Commission	we of satisfactory evidence to be the person who acknowledged the forest deed.  When the person who acknowledged the forest deed.  Notary Public  My commission expires: 4/23/2002
Before me this LCT day of Thouhky 2 personally known or proved to me on the basis instrument of assignment to be his/her free act and  ANN LYCA  Commission  Ory 201  Inventor's Signature (Seal)	Date Assignment Signed:
Before me this AN THECO  Before me this AN THECO  Before me this ANN LYCA  ANN LYCA  Commission  Ory Put  Inventor's Signature (Seal)  Inventor's Typed Name: Daniel S Kline  State of CHLIFORNIA	Date Application Signed:
Before me this LOW day of JONNARY Dersonally known or proved to me on the basis instrument of assignment to be his/her free act and ANN LYCA Commission and ANN LYCA Commission are derived by the commission of t	Date Application Signed:
Before me this 2CTT day of Thouhay 2 personally known or proved to me on the basis instrument of assignment to be his/her free act and  ANN LYCA  Commission  ORY PL  Inventor's Signature (Seal)  Inventor's Typed Name: Daniel S Kline  State of CHLIFORNIA  County of SAN DIEGO  Before me this 25th day of Fabruary 2	Date Application Signed:
Before me this 2CTT day of Thouhay 2 personally known or proved to me on the basis instrument of assignment to be his/her free act and  ANN LYCA  Commission  ORY PL  Inventor's Signature (Seal)  Inventor's Typed Name: Daniel S Kline  State of CHLIFORNIA  County of SAN DIEGO  Before me this 25th day of Fabruary 2	Date Application Signed:
Before me this 2CTV day of Thouhay 2 personally known or proved to me on the basis instrument of assignment to be his/her free act and  ANN LYGA  Commission  Ory 2U  Inventor's Signature (Seal)  Inventor's Typed Name: Daniel S Kline  State of CHLIFORNIA  County of SAN DIEGO  Before me this SSA day of Forwary 2 personally known or proved to me on the basis	Date Application Signed:
Before me this 2CTV day of Thouhay 2 personally known or proved to me on the basis instrument of assignment to be his/her free act and  ANN LYGA  Commission  Ory 2U  Inventor's Signature (Seal)  Inventor's Typed Name: Daniel S Kline  State of CHLIFORNIA  County of SAN DIEGO  Before me this SSA day of Forwary 2 personally known or proved to me on the basis	Date Application Signed:  Date Application S
Before me this CYV day of THNUMRY 2 personally known or proved to me on the basis instrument of assignment to be his/her free act and  ANN LYCA Commission  Ory 20  Inventor's Signature (Seal)  Inventor's Typed Name: Daniel S Kline  State of CHLIFORNIA  County of SAN DIEGO  Before me this 25th day of Forwary 2 personally known or proved to me on the basis instrument of assignment to be his/her free act and	Date Application Signed:  Date Application S

**PATENT** REEL: 010760 FRAME: 0524

**RECORDED: 04/20/2000**