03-00-20	0.3. DEFAITMENT OF COMMENCE
	Attorney Docket No. 10006191-1
	2. Name and address of receiving party(jes):
achedYes _X_ No	Additional name(s) & address(es) attached?YesX No
Merger	Change of Name
Other	
umber(s):	
ner with a new appli	cation, execution date of the application is:
	B. Patent No.(s)
Date Filed: 06	/12/2001
Additional number	ers attached? NO
om correspondence nailed:	6. Total number of applications and patents involved:1  7. Total Fee (37 CFR 3.41): \$40.00  Enclosed  X Authorization to be charged to deposit account.
`\	8. Deposit Account Number: 08-2025
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PATENT REEL: 012623 FRAME: 0293

PATENT APPLICATION

ATTORNEY DOCKET NO. 10006191-1

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

## **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  Method For Fabricating Self-Aligned Field Emitter Tip		and and and and and
Filing date: June 12, 2001	Serial No.:	09/880,159
and the invention(s) and improvement(s) set continuations-in-part (C-I-P's), divisionals, and renew Letters Patent, and any and all Letters Patent of the may be granted thereon or therefor; and any reissuratent.	wals of and sub United States ar	stitutes for said application for said and of countries foreign thereto which
I/we additionally authorize HP to file applications be held and enjoyed by HP, its successors, assigns, the term or terms for which said Letters Patent resfully and entirely as the same would have been he transfer not been made;	nominees or leg spectively may b	al representatives, to the full end of be granted, reissued or extended, as
AND I/we hereby covenant that I/we have full rig that I/we have not executed and will not execute a covenant and agree that I/we will, each time a requ deliver all such papers as may be necessary or d improvement(s), said application and said Letters Pat representatives, and I/we agree to communicate to b invention(s) or improvement(s), said application proceedings, to sign all lawful papers, to execute a reissue and foreign applications, to make all right everything possible to aid HP, its successors, assign enforce, for its or their own benefit, proper patent any and all countries provided the expenses which n and assistance are paid by HP;	any agreement in uest is made, and lesirable to perform to HP, its summer, to HP, its summer and said Letter all disclaimers and htful oaths and protection for same be incurred to the same and the sam	n conflict herewith, and I/we further d without undue delay, execute and ect the title to said invention(s) or accessors, assigns, nominees or legal inee, all known facts respecting said is Patent, to testify in any legal in divisionals, continuations, C-I-P's, declarations, and generally to do diegal representatives to obtain and aid invention(s) or improvement(s) in many me/us in lending such cooperation
AND I/we hereby authorize and request the Cor States and any official of any country or countries f patents on applications as aforesaid, to issue to HP, and all Letters Patent for said invention(s) or improve United States which may be issued and granted accordance with the terms of this assignment.	as assignee of t vement(s), includ on or as a res	he entire right, title and interest, any ing any and all Letters Patent of the sult of the application aforesaid, in
I/we further authorize and direct HP attorney application now identified by the attorney docket n shall have been made known to them by the United	s to insert the s umber and title s States Patent an	serial number and filing date of said set forth above as soon as the same d Trademark Office.
	our hand(s) and so a Assignment Signed:	eal(s): 
	Date Applicati	on Signed: 6-S-0[
State of Oregon		
Inventor's Typed Name: Donald W. Schulte  State of Orlay )  State of Orlay )  State of Orlay )  Before me this 5 day of Quel 2001 , person personally known or proved to me on the basis of satisfactors of accomment to be his/her free act and deed.		
Refore me this 5 th day of QUU 2001, person	nally appearedDo	onald W. Schulte who i
OFFI TERES NOTARY PE COMMISSION MY COMMISSION	ICIAL SEAL SA K TUMA UBLIC - OREGON ION NO. 336747 I EXPIRES SEPT. 8, 2004	Notary Public My commission expires: 9-8-2004

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

Page 1 of 2

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

## PATENT APPLICATION ATTORNEY DOCKET NO. 10006191-1

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

Inventor's Signature (Seell)	Date Assignment Signed: C/5/200)  Date Application Signed: C/5/201
Town 5 Manual Town 5 Manual Town	
Inventor's Typed Name: 1 erry E. Miciwanon	Date Application Signed: 6/5/201
State of Urling	
County of Bench	S.:    OCUL   personally appeared   Terry E. McMahon   Who is   Sis of satisfactory evidence to be the person who acknowledged the foregoing
Before me this 5th day of Quire, 5	DOUL personally appeared Terry F McMahon who is
personally known or proved to me on the bac	of satisfactory evidence to be the person who acknowledged the loregoing
instrument of assignment to be his/her free act a	nd deed.
	OFFICIAL SEAL TERESA K TUMA NOTARY PUBLIC - OREGON COMMISSION NO. 336747 MY COMMISSION EXPIRES SEPT. 8, 2004
(6.4)	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed:
State of	
) ss County of	s.:
Refere me this day of	, personally appeared who is
personally known or proved to me on the bas	nd deed.
personally known or proved to me on the bas instrument of assignment to be his/her free act an	sis of satisfactory evidence to be the person who acknowledged the isragema
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personally known or proved to me on the bas instrument of assignment to be his/her free act at Inventor's Signature (Seal)	Notary Public My commission expires:  Date Assignment Signed:  Date Application Signed:
Inventor's Typed Name:  State of	Notary Public My commission expires:  Date Assignment Signed:  Date Application Signed:
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Inventor's Signature (Seal)  Inventor's Typed Name:  State of  County of  Before me this day of	Date Assignment Signed:  Date Application Signed:  Date Application Signed:  personally appeared who is satisfactory evidence to be the person who acknowledged the foregoing.

Page 2 of 2

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

RECORDED: 02/19/2002

PATENT REEL: 012623 FRAME: 0295