FORM PTO-1595 1-31-92	07-13-20		.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
7-6.0b		Attorney Docket	No. <u>200504610-1</u>	
1. Name of conveying party(ies).	10327354	2. rame and address of receiving pa		
Sean Spillane			,	
	<b>V</b>	HEWLETT-PACKARD DEVELOPM 20555 SH 249 Houston, TX 77070	112948 U.S. PTO 11/481716	
Additional name(s) of conveying party(ies) at 3. Nature of Conveyance:	tachedYes _X_No	Additional name(s) & address(es) attached?	Yes _X No	
X Assignment	Merger	Change of Nam	e	
Security Agreement	Other			
Execution Date(s): 6/30/06				
4. Application number(s) or patent n	umber(s):			
If this document is being filed toget	her with a new applic	cation, execution date of the application	on is: 7/6/06	
A. Patent Application No.(s)		B. Patent No	o.(s)	
Application No.:	Date Filed:			
Confirmation No.:	Additional numbe	ers attached? NO	!	
concerning document should be mailed:		6. Total number of applications and patents involved: 1		
Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY	on	7. Total Fee (37 CFR 3.41): \$46	J.00	
P.O. Box 272400 Fort Collins, Colorado 80527-24	00	X Authorization to be charged	d to deposit account.	
		8. Deposit Account Number: 08-20	25	
	DO NOT USE	THIS SPACE		
9. Statement and signature.  To the best of my knowledge and be true copy of the original document.	elief, the foregoing in	formation is true and correct and any	attached copy is a	
Ashok K. Mannava  Name of Person Signing  Total n	Signature sincludi	Jul 06, 2  Date  ng cover sheet, attachments, and docume	9 6	
OMB No. 0651-0011 (exp. 4/94)		and documents, and documents		
Mail document to be recorded with requir	Mail Stop Assignmer Director of the US Pate PO Be	***************************************	07/12/2006 NJ	
20. 12(0.1 (Bandana)				

PATENT REEL: 018046 FRAME: 0755

PATENT APPLICATION

ATTORNEY DOCKET NO. 200504610-1

HEWLETT, PACKARD COMPANY Intellectual Property Administrator 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 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 priority, in, to and under an application for Letters Patent of the United States entitled:

FABRICATION OF SL	OT WAVEGUIDE			
Filing date: herewit	h	Application No.:		
continuations-in-part Letters Patent, and a	s) and improvement(s) s (C-I-P's), divisionals, and r ny and all Letters Patent of son or therefor; and any re	enewals of and subs the United States and	stitutes for said d of countries f	l application for said oreign thereto which
country, to be held a the full end of the te	y authorize HPDC to file and enjoyed by HPDC, its sum or terms for which said and entirely as the same wasfer not been made;	iccessors, assigns, no Letters Patent respec	ominees or lega ctively may be	al representatives, to granted, reissued or
that I/we have not excovenant and agree to deliver all such paper improvement(s), said legal representatives, respecting said inventegal proceedings, to C-I-P's, reissue and feverything possible to and enforce, for its oin any and all coun	covenant that I/we have fur xecuted and will not executed that I/we will, each time a sets as may be necessary of application and said Letters and I/we agree to committed the sets and HPDC, its successors of their own benefit, proper sets and the sets are paid by HPDC;	te any agreement in request is made, and or desirable to perfe s Patent, to HPDC, it nunicate to HPDC and application and s execute all disclaim e all rightful oaths and, assigns, nominees patent protection for	conflict herew without undue to the title to s successors, a or to its nomin hers and divisiond declarations, and legal represaid invention(s	ith, and I/we further delay, execute and said invention(s) or assigns, nominees or ee, all known facts ent, to testify in any onals, continuations, and generally to do assentatives to obtain s) or improvement(s)
States and any official patents on application any and all Letters Pathe United States with	authorize and request the all of any country or countrins as aforesaid, to issue to atent for said invention(s) on ich may be issued and graderms of this assignment.	es foreign to the Unit HPDC, as assignee or improvement(s), inc	ted States who of the entire rigi sluding any and	se duty it is to issue ht, title and interest, all Letters Patent of
said application now	orize and direct the attorney identified by the attorney of made known to them by the	docket number and ti	itle set forth at	pove as soon as the
IN WITNESS WH	EREOF, I/we hereunto set m	ny/our hand(s) and se	eal(s):	
5-11/5	Date:	Assignment Signad:	6/30/20	04
Inventor's Signature (Seal)	Dati	a Assignment Signed	3,09	
Inventor's Typed Name:_Se	Date san Spillane	Date Application	Signed:6	130/2006
State of	)			,
County of	) ss.:			
personally known or provi	ay of, persect to me on the basis of satisfate be his/her free act and deed.	conally appeared <u>Sean</u> actory evidence to be the	Spillane person who ackr	who is nowledged the foregoing
			Notary Public	
			My commission exp	ores:
Rev 12/04 (Assign)	(Use Page Two For Additional in	ventor(s) Signature(s))		Page 1 of 1

PATENT REEL: 018046 FRAME: 0756

**RECORDED: 07/06/2006**