	06-20-2003					
FORM PTO-1595 1-31-92		ER SHEET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
	102478844		Attorney Docket No. 200209909-1			
1. Name of conveying part	y(ies):	2. Name and add	ress of receiving party(ies):			
James O'Neil			CKARD DEVELOPMENT COMPANY, L.P.			
Gregory S Herman	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	20555 SH 249 Houston, TX				
Peter Mardilovich	1 15 (7					
David Champion	(a. (40)					
Additional name(s) of conveying	party(ies) attachedYes No	Additional name(s) &	address(es) attached?Yes _X No			
3. Nature of Conveyance:						
X Assignment	Merger	_	Change of Name			
Security Agree	ment Other					
Execution Date(s):						
4. Application number(s) o	patent number(s):					
If this document is being f	iled together with a new appli	cation, execution d	ate of the application is:			
A. Patent Application No.(s)		B. Patent No.(s)			
Application No.: 10/423,11	O Date Filed: 04	1/24/03				
Confirmation No.:	Additional number	Additional numbers attached? NO				
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of	f applications and patents involved; 1			
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00				
Intellectual Property Ad HEWLETT-PACKARD Co		Enclosed				
P.O. Box 272400 Fort Collins, Colorado	30527-2400	X Authoriz	zation to be charged to deposit account.			
		8. Deposit Accou	nt Number: 08-2025			
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O Chatanant and simulation						
9. Statement and signature To the best of my knowle true copy of the original do	dge and belief, the foregoing in	nformation is true a	nd correct and any attached copy is a			
Jodi Rappe			May 14, 2003			
Name of Person Signing	Signature Total Sumbar of pages include	ling cover sheet see	Date			
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PATENT REEL: 014181 FRAME: 0846

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

PATENT APPLICATION ATTORNEY DOCKET NO. 200209909-1

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 Let	ters Patent of the U	Inited States ei	ntitled:	
Electrode-Electroly	yte Composites Hav	ing Discrete Re	gions	
Filing date:	4/24/03		Application No.:	10/423110
continuations-in-p Letters Patent, an	art (C-I-P's), division diany and all Letter	nals, and rene s Patent of the	wals of and substit United States and o	nd any and all continuations tutes for said application for said of countries foreign thereto whic ons, or extensions of said Letter
country, to be hel the full end of the extended, as fully	ld and enjoyed by H e term or terms for	IPDC, its succe which said Let the same wou	essors, assigns, non ters Patent respecti	name for Letters Patent in an ninees or legal representatives, t ively may be granted, reissued o and enjoyed by me/us had thi
that I/we have no covenant and agreedliver all such p improvement(s), s legal representatives respecting said in legal proceedings C-I-P's, reissue ar everything possib and enforce, for it in any and all co	ot executed and will ee that I/we will, expers as may be said application and ves, and I/we agrevention(s) or improve, to sign all lawfulled foreign application its or their own beneficent and the said to the said to the said th	I not execute a ach time a requested to communi- weent to communi- wement(s), said papers, to ex- ons, to make all successors, a efit, proper pate the expenses	any agreement in couest is made, and voluest is made, and voluestrable to perfect atent, to HPDC, its icate to HPDC, or application and said accute all disclaiment if rightful oaths and saigns, nominees arent protection for said	ntire interest herein assigned, an onflict herewith, and I/we furthe vithout undue delay, execute an the title to said invention(s) of successors, assigns, nominees of to its nominee, all known fact d Letters Patent, to testify in an irs and divisionals, continuations declarations, and generally to dead legal representatives to obtain aid invention(s) or improvement(surred by me/us in lending suc
States and any of patents on applications and all Letters the United States	ficial of any country ations as aforesaid, s Patent for said inv	y or countries to to issue to HP vention(s) or in ued and grant	foreign to the United DC, as assignee of aprovement(s), inclu	nts and Trademarks of the United States whose duty it is to issu the entire right, title and interest ding any and all Letters Patent of the application aforesaid, i
said application n	ow identified by th	e attorney doc	ket number and titl	ne serial number and filing date one set forth above as soon as the and Trademark Office.
IN WITNESS	WHEREOF, I/we her	reunto set my/o	our hand(s) and seal	(s):
for o'e	2	Date As	signment Signed:	4-23-03
Inventor's Signature (S	Seal)			4-73
Inventor's Typed Name	: James O'Neil		Date Application S	igned: 4-23-03
State of)) ss.:		
County of)			
personally known or p	day of proved to me on the b ent to be his/her free act	asis of satisfactor	lly appeared <u>James</u> ry evidence to be the p	O'Neil who berson who acknowledged the foregoin
				Notary Public
				My commission expires:

Rev 02/03 (Assign)

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

PATER 1 of 2

REEL: 014181 FRAME: 0847

When recorded please return to:

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P. O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION

ATTORNEY DOCKET NO. 200209909-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we here	eunto set r	my/our hand(s) and seal	(s):	
Geran S. Her	ma	Date Assignment Signed:	4-23-03	
Inventor's Signature (Seal)		Date Assignment Signed:_		
Inventor's Typed Name: Gregory S Herma	an	Date Applica	tion Signed: 4-23-03	
State of)			
County of) ss.:			
County of	,			
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free	he basis of	satisfactory evidence to be	regory S Herman who the person who acknowledged the forego	
			Notary Public	
			My commission expires:	
Inventor's Signature (Seat)	>	Date Assignment Signed:		
Inventor's Typed Name: Peter Mardilovich	1	Date Applicat	tion Signed: 94/23/0-3	
State of	1			
) ss.:			
County of)			
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free	he basis of	satisfactory evidence to be	eter Mardilovich who the person who acknowledged the forego	
			Notary Public	—
			My commission expires:	
	-		211 . 1	
Inventor's Signature (Seal)		Date Assignment Signed:	7/24/253	
Inventor's Typed Name: David Champion		Date Applicat	ion Signed: 1/24/23	
State of)		, .	
County of) ss.:)			
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free	ne basis of	satisfactory evidence to be	who the person who acknowledged the foregoing	
			Notary Public	
			My commission expires:	

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

Page 2 of 2