PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael J. Antal Jr.	07/20/2006

RECEIVING PARTY DATA

Name:	University of Hawaii	
Street Address:	2800 Woodlawn Drive, Suite 280	
City:	Honolulu	
State/Country:	HAWAII	
Postal Code:	96822	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10552004

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Reginald J. Suyat

Total Attachments: 2

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PATENT

REEL: 018352 FRAME: 0252

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

CARBONIZED CHARCOAL ELECTRODE

(Atty.)	Docket No. UOHIP002), (check one)
	for which I have executed a U.S. patent application on even date herewith. (Accompanying) which bears U.S. application No. 10/552,004. (Not accompanying) which is a U.S. provisional application. (Accompanying)
acknov	For good and valuable consideration, the receipt and sufficiency of which is hereby

- 1) Sell, assign and transfer to <u>University of Hawaii</u>, a Hawaiian corporation having a place of business at Manoa Innovation Center, 2800 Woodlawn Drive, Suite 280, Honolulu, HI 96822 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Revised 01/02, Assign US Notary

PATENT REEL: 018352 FRAME: 0253

6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.
Signed on the date indicated beside my signature.
1. Inventor Signature: Michael J. Anta, Jr. Date: 20 July 2006
State of Hawaii On this 20th day of July, in the year 2006, before me within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal.
Notary Signature Jui S. Metanze Commission expers: 2/20/09 (SEAL)

RECORDED: 10/05/2006

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PATENT REEL: 018352 FRAME: 0254