10-05-2006

<i>3</i> ,	To the Director of the U.S. Detent on	103317738

ER SHEET

200K OCT -4 MM 11: 47

103317739 LY FINANCE SECTION						
To the Director	of the U.S. Patent and Trademark Office: Pleas	e record and attached documents or the new address(es) below.				
	veying party(ies)	2. Name and address of receiving party(ies)				
Touchsto	one Research Laboratory, Ltd.	Name: The United States of America as represented by the Secretary of the Air Force Internal Address: AFMCLO/JAZ				
Additional name(s) of	conveying party(ies) attached? ☐ Yes ☒ No	Bldg 11, Room 100				
14 Execution Date(s)	18 September 2006	Street Address: 2240 B Street				
☐ Assignment	☐ Merger	City: Wright-Patterson Air Force Base				
☐ Security Agree	ment	State: Ohio				
☐ Joint Research	Agreement	State: Ohio				
☐ Government In	terest Assignment	Country: U.S.A. Zip: 45433-7109				
l	er 9424, Confirmatory License	Additional name(s) & address(es) attached? ☐ Yes ☒ No				
Other						
4. Application or patent number(s):□ This document is being filed together with a new application.A. Patent Application No.(s)□ B. Patent No.(s)						
11/039,775						
		tached? Yes No				
5. Name and address to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved:1				
Name: Fredric L. Sinder		7. Total fee (37 CFR 1.21(h) & 3.41) \$				
Internal Address:	AFMCLO/JAZ	Authorized to be charged by credit card				
	Bldg 11, Room 100	Authorized to be charged to deposit account				
Street Address:	2240 B Street	☐ Enclosed				
		None required (government interest not affecting title)				
City: Wright-P	atterson AFB	8. Payment Information				
State: Ohio	Zip: 45433-7109	a. Credit card Last 4 Numbers				
Phone Number:	(937) 255-2838	Expiration Date:				
Fax Number:	(937) 255-3733	b. Deposit Account Number				
Email Address:	fredric.sinder@wpafb.af.mil	Authorized User Name				
9. Signature:	De 5	9/29/2006				
	Signature	Date				
	FREDRIC L. SINDER Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:				

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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PATENT REEL: 018360 FRAME: 0488

License to the United States Government

RECORDED: 10/04/2006

Invention Title:	High Density Carbon	from Coal	 	
Inventor(s):	Dwayne R. Morg	an, Rick D. Lucas		
U.S. Filing/ Issue I	Date: Jar	nuary 1, 2005		
Patent or Applicatio	n Serial No.: 11/	/039,775		
Grant/Contract Num	nber(s): F33615-0	03-M-5022		
Foreign Application	ns filed/intended in (cour	ntries): PCT application	on filed (US2005/002418)	and abandoned
at 37 CFR 401.14	, FAR 52.227-11 or I		cable) which are include	the Standard Patent Rights clause at among the terms of the above onfirmatory of:
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The Government application.	is hereby granted an	irrevocable power to in	spect and make copies	s of the above-identified patent
	18 th day of	f September	, 20	
	William M. Cas (Name of Grantee/Contra	sto actor Official)	_ Lulh	(Signature)
Title	Chief Financial Off	icer .		
For			Laboratory, Ltd.	
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At	i ne ivimennu	m Centre, R.D. 1, Box 10	JU B, Hladeiphia, W V 2	

(Business Address)

PATENT REEL: 018360 FRAME: 0489