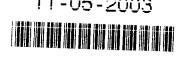
Atty Ref/Docket No.: 875.071US1



Patent and Trademark Office

To the Honorable Commissioner of Patents and Traucing	92631 attached original documents or copy thereof.
	2. Name and address of receiving party(ies):
 Name of conveying party(ies): Leonard R. MacGillivray 	Name: University of Iowa Research Foundation
Additional name(s) of conveying party(ies) attached? []Yes [X]No	Street Address: Technology Innovation Center, Suite #214
3. Nature of conveyance:	100 Oakdale Campus City: <u>Iowa City</u> State: <u>IA</u> Zip: <u>52242</u>
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	Additional name(s) & address(es) attached? []Yes [X]No
Execution Date: October 1, 2003	
4. Application number(s) or patent number(s):	oplication, the execution date of the application is: B. Patent No.(s)
If this document is being filed together with a new ap	oplication, the execution date of the application :
A. Patent Application No.(s)	B. Patent No.(s)
Serial No. 10/465535, filed June 19, 2003	
Additional numbers attached? []Yes [X]No	HANCE HANCE
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: $\underline{1}$
Name: Robert J. Harris	7. Total fee (37 CFR 3.41):\$ <u>40.00</u>
Address: Schwegman, Lundberg, Woessner & Kluth, P.A. P.O. Box 2938 Minneapolis, MN 55402	[X]Enclosed [] Authorized to be charged to deposit account
	8. Please charge any additional fees or credit any over payments to our Deposit account number:19-0743
DO NOT	USE THIS SPACE
9. Statement and signature.	
· ·	g information is true and correct and any attached copy is a true
Robert J. Harris/Reg. No. 37,346	10-29-03
Name of Person Signing	Signature Date
1/04/2003 ECOOPER 00000048 10465535	Total number of pages including cover sheet: $\underline{3}$
1 FC:8021 40.00 dP	
Mail documents to be recorded with required cover sheet	information to:
Mail Stop Assignment Recordation Services Commissioner for Patents P.O.Box 1450 Alexandria, VA 22313-1450	

PATENT REEL: 014648 FRAME: 0468

ASSIGNMENT

WHEREAS, I, <u>Leonard R. MacGillivray</u>, residing at <u>103 Oberlin Street</u>, <u>Iowa City</u>, <u>IA</u>, made certain new and useful inventions and improvements for which I filed an application for Letters Patent of the United States on <u>June 19</u>, <u>2003</u>, which application was assigned U.S. patent application serial number <u>10/465535</u>, and is entitled <u>GAS STORAGE MATERIALS AND DEVICES</u>;

AND WHEREAS, <u>University of Iowa Research Foundation</u>, organized and existing under and by virtue of the laws of the State of Iowa, and having an office and place of business at <u>Technology Innovation Center</u>, <u>Suite #214</u>, 100 Oakdale Campus, <u>Iowa City</u>, <u>IA 52242</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

PATENT REEL: 014648 FRAME: 0469 Docket No: 875.071US1 Serial Number: 10/465535 Filing Date: June 19, 2003

RECORDED: 11/03/2003

Page 2 of 2

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 2003.
Leant R. Ma De
Leonard R. MacGillivray
STATE OF
COUNTY OF
On this day of
MacGillivray, to me known and known to me to be the person described in and who executed the
foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and
purposes therein set forth.
[SEAL] Notary Public
JOYCE M. KRAL Commission Number 156414 My Commission Expires My Commission 2005

PATENT REEL: 014648 FRAME: 0470

June 7, 2005