FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

Address (line 4)

12-06-1999



101214725

U.S. Department of Commerce Patent and Trademark Office **PATENT**

RECORDATION FORM COVER SHEET PATENTS ONLY							
TO: The Commissioner of Patents and Trademan	PATENTS ONLY rks: Please record the attached original	inal document(s) or copy(ies).					
Submission Type							
✓ New	Assignment Security Agreement						
Resubmission (Non-Recordation) Document ID#	License Change of Name						
Correction of PTO Error Reel # Frame #	Merger Other Confirmatory License						
Corrective Document	(For Use ONLY by U	overnment S. Government Agencies)					
Reel # Frame #	✓ Departmenta	File Secret File					
Conveying Party(ies)	Mark if additional names of	conveying parties attached Execution Date Month Day Year					
Name (line 1) Midwest Research Institute		11/04/1999					
Name (line 2) Second Party Name (line 1)		Execution Date Month Day Year					
Name (line 2)							
Receiving Party	Mark if additi	onal names of receiving parties attached					
Name (line 1) United States Department of Energy		if document to be recorded is an assignment and the receiving party is not					
Name (line 2)		domiciled in the United States, an appointment of a domestic					
Address (line 1) 1000 Independence Avenue		representative is attached (Designation must be a separate document from					
Address (line 2)		Assignment.)					
Address (line 3) Washington	D.C. USA	20585					
City	State/Country	Zip Code					
Domestic Representative Name and A	Address Enter for the first	Receiving Party only.					
Name							
Address (line 1)							
Address (line 2)							
Address (line 3)							

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington,

D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB

			4400		
FORM PTO-1 Expires 06/30/99 OMB 0651-0027	619B	Page 2		U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address Area Code and Telep		phone Number	630-252-2393		
Name	Robert J. Fisher				
Address (line 1)	U.S. Department of Energy				
Address (line 2)	Office of Intellecual Property Law				
Address (line 3)	9800 S. Cass Ave				
Address (line 4)	Argonne, IL 60439				
Pages	Enter the total number of pag including any attachments.	es of the attached cor	nveyance documen	t # [01
Application	Number(s) or Patent Num	ıber(s)	Mark if add	litional numb	ers attached
	he Patent Application Number or the P Itent Application Number(s)	atent Number (DO NOT EN		the same pro lumber(s)	pperty).
09/292,078					
If this document was	is being filed together with a new Pate	nt Application, enter the da	te the patent application	n	onth Day Year
Patent Coop	peration Treaty (PCT)	РСТ	PCT	РСТ	
only	er PCT application number y if a U.S. Application Number not been assigned.	PCT	PCT	PCT	
Number of I					

Enter the total number of properties involved.

Enclosed

(Enter for payment by deposit account or if additional fees can be charged to the

Fee Amount for Properties Listed (37 CFR 3.41):

Deposit Account Number:

Statement and Signature

Method of Payment:

Deposit Account

Fee Amount

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Authorization to charge additional fees:

Mark P. Dvorscak

Name of Person Signing

My Nivsia 4.
Signature

Deposit Account

0.00

PATENT REEL: 010411 FRAME: 0297



DOE Docket No.: S-87,145

CONFIRMATORY LICENSE

Application for: Vehicle Cabin Cooling System for Capturing and Exhausting Heated Boundary

Layer Air from Inner Surface of Solar Heated Windows

Inventor(s): Ren Anderson and Robert B. Farrington

Serial No.: 09/292,078 Filing Date: April 14, 1999

Contract No.: DE-AC36-99GO10337
Contractor: Midwest Research Institute

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract governing patent rights in the Subject Invention at the time the invention was made has been submitted to the U.S. Department of Energy.

The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 4th day of November, 1999.

en Richardson

Assistant Chief Patent Counsel

National Renewable Energy Laboratory 1617 Cole Blvd. Golden, CO 80401

RECORDED: 11/29/1999

PATENT REEL: 010411 FRAME: 0298