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

05-09-2006



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U.S. Department of Commerce

PATENT

Patent and Trademark Office

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	630/252-2166
Name Robert J. Fisher		
Address (line 1) U.S. Department of Energy		
Address (line 2) Intellectual Property Law Division		
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 conveyance docume	mt # 01
Application Number(s) or Patent Num Enter either the Patent Application Number or the P Patent Application Number(s) Patent Application Number(s) If this document is being filed together with a new Pate was Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.	Patent Number (DO NOT ENTER BOTH numbers for Patent 7,003,977	Number(s)
Number of Properties Enter the total in the state of the	number of properties involved. #	
Fee Amount	for Properties Listed (37 CFR 3.41): \$	0.00
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Statement and Signature		

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.

Brian J. Lally, Reg. No. 51,911

Name of Person Signing

Signature

4-27-06

Date

L 5-108,971

PATENT REEL: 017858 FRAME: 0198

CONFIRMATORY LICENSE

(Large Business - Advanced Waiver)

Title : Cryogenic Cooling System and Method with Cold Storage Device

Inventor(s) : Albert Steinbach; Robert Ackermann and Xianrui Huang

Serial No. : 10/604,415 Patent No. : 7,003,977 Filing Date: July 18,2003
Issued: February 28,2006

Contractor : General Electric Co.

Contract No. : DE-FC36-02GO11100

Waiver No. : *W(A) 02-033 (CH-1113)*

Patent Clause : FAR 52.227-12 Patent Rights - Waiver (JUL 1996) as modified by 10 C.F.R. 784, DOE Patent

Waiver Regulations - DEAR 952-227-14 Rights in data-general (DOE coverage-alternate V1)

DOE Case No.: S-108,971 - (Disclosure No. 130093)

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries):

An advanced waiver of Government rights having been granted by the U.S. Department of Energy (DOE) to the Contractor, and the above-identified invention having been reported as a subject invention to DOE by the contractor with his election to file a domestic patent application thereon, the effective date of said waiver for the above invention is ____October 21, 2005____.

Accordingly, this document is confirmatory of the paid-up, worldwide, license required to be granted to the Government under 10 CFR Part 784 and this contract in this invention, patent application and any resulting patent as well as any continuation, divisional, reissue, supplemental or continuation-in-part thereof, and of all rights acquired by the Government by the referenced patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license 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 Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

(SEAL)

RECORDED: 05/01/2006

Signed this 30th day of January 2006

General Electric Co.

William M. Genovese 300 Garlington Road

Greenville, SC 29602

PATENT REEL: 017858 FRAME: 0199