MRD 1-17-01 REC	03-29-2001 U.S. Department of Commerce Patient and Trademark Office PATENT 101652233 Rec'd PCT/PTO 17 JAN 2001 CORDATION FORM COVER SHEET PATENTS ONLY rademarks: Please record the attached original document(s) or copy(ies). Conveyance Type X Assignment Security Agreement License Change of Name Merger Other U.S. Government Agencies) Departmental File Secret File Mark if additional names of conveying parties attached Month Day Year 12182000
FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 MRD 1-17-01 Resubmissioner of Patents and Ti Submission Type X New Resubmission (Non-Recordation) Document ID# Correction of PTO Error Reel # Frame # Corrective Document Reel # Frame # Conveying Party(ies)	101652233 Description of commerce Patent and Trademark Office Patent
Expires 06/30/99 OMB 0651-0027 MRD 1-17-01 REC TO: The Commissioner of Patents and Tr Submission Type X New Resubmission (Non-Recordation) Document ID# Correction of PTO Error Reel # Corrective Document Reel # Frame # Conveying Party(ies)	101652233 Patent and Trademark Office PATENT 17 JAN 2001 CORDATION FORM COVER SHEET PATENTS ONLY rademarks: Please record the attached original document(s) or copy(ies). Conveyance Type x Assignment License Change of Name Merger Other U.S. Government (For Use ONLY by U.S. Government Agencies) Departmental File Secret File Mark if additional names of conveying parties attached Execution Date Month Day Year
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Conveying Party(les)	Mark if additional names of conveying parties attached Execution Date
	Month_Day_Year
Name (line 2)	
Second Party	Execution Date Month Day Year
Name (line 1) Takahashi, Hitoshi	12182000
Name (line 2)	09701116
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) Japan Energy Corporation	Dn If document to be recorded is an assignment and the
Name (line 2) a corporation of Japan	receiving party is not domiciled in the United
	States, an appointment of a domestic
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Address (line 3) Tokyo	Japan 105-0001
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D.C. 20231 and to the Office of Information and Regulatory Aff Information Collection Budget Package 0651-0027, Patent and	fairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB d Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS e recorded with required cover sheet(s) information to:

PATENT REEL: 011618 FRAME: 0128

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 703	-383-4800		
Name Barry I. Hollander, Reg.	#28,566			
Address (line 1) Hollander Law Firm, P.L.(<u>C.</u>			
Address (line 2) 10300 Eaton Place				
Address (line 3) Suite 305				
Address (line 4) Fairfax, Virginia 22030				
Pages Enter the total number of paging including any attachments.	ges of the attached conveyance document	#		
Application Number(s) or Patent Num		nal numbers attached		
Enter either the Patent Application Number or the Patent Application Number(s) 09701116	atent Number (DO NOT ENTER BOTH numbers for the Patent Nun	,		
If this document is being filed together with a new Pater signed by the first named executing inventor.	nt Application, enter the date the patent application was	Month Day Year		
Patent Cooperation Treaty (PCT)				
Enter PCT application number <u>only if</u> a U.S. Application Number has not been assigned.	РСТ РСТ РСТ РСТ	PCT		
Number of Properties	al number of properties involved. #	1		
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00				
Method of Payment: Enclosed X Deposit Account Deposit Account				
(Enter for payment by deposit account or if addit	lional fees can be charged to the account.) eposit Account Number: #	501032		
A	uthorization to charge additional fees: Yes	X No		
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. Barry I. Hollander, Reg. #28,566 Barry I. Hollander, Reg. #28,566				
Name of Person Signing	/ //Signature	Date		

ASSIGNMENT

IN CONSIDERATION of One Dollar (\$1.00) to me in hand paid, receipt whereof is hereby acknowledged, and for other good and valuable consideration, we, Takashi Kaimai, a citizen of Japan, 17-35, Niizominami 3-chome, Toda-shi, Saitama 335-0026 Japan, and Hitoshi Takahashi, a citizen of Japan, 17-35, Niizominami 3-chome, Toda-shi, Saitama 335-0026, Japan, being the inventors of a certain invention for LUBRICANT FOR REFRIGERATION SYSTEM USING AMMONIA REFRIGERANT, as fully set forth and described in U.S. Patent Application Serial No. 09/701,116, filed November 24, 2000, being the owners of all right, title and interest in and to said application and in and to the invention described therein, free from all prior assignments, agreements, licenses, mortgages, or other encumbrances whatsoever, and having the full right to convey the entire interest, both legal and equitable herein assigned, do hereby sell, assign transfer and set over unto Japan Energy Corporation, a corporation organized and existing under and by virtue of the laws of Japan, and having an official place of business at 10-1, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 Japan, its successors and assigns, the entire right, title and interest in and to said application and invention, together with all patents, either United States or foreign, which may be granted therefor, and all divisions, reissues, renewals, continuations and extensions thereof, and all rights arising under the International Convention for the Protection of Industrial Property by filing any such applications for Letters Patent for said invention and the right to procure therefor the grant of all such Letters Patent to said corporation in its own name as assignee of the entire right, title and interest.

AND we hereby covenant and agree that we will communicate to said company, its successors and assigns, all facts known to us respecting said invention, and will, upon their request at any time, testify in any legal proceedings, sign all lawful papers, execute all original, divisional, continuing and reissue applications, and assignments, make all rightful oaths and generally do everything reasonable and proper to aid said company, its successors, assigns and nominees, to obtain and enforce proper protection for said invention in all countries.

Assignment Serial No. 09/701,116 (FJIN-106) Page 2

In Testimony Whereof, I have hereunto set my hand and affixed my seal, this <u>18</u> day of <u>12</u>, 2000.

Takashi Kaimai [SEAL.] Takashi Kaimai

Sealed and delivered in presence of

In Testimony Whereof, I have hereunto set my hand and affixed my seal, this 13 day of 12, 2000.

Hitoshi Takahashi [SEAL.] Hitoshi Takahashi

Sealed and delivered in presence of

PATENT REEL: 011618 FRAME: 0131

RECORDED: 01/17/2001