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1. Name of conveying party(ies):		2. Name and address of receiving party(ies):	
Akihiko TAKANO		Name: Valeo Thermal Systems Japan Corporation	
Additional name(s) of conveying party(ies) attached? NO		Address: 39, Aza-higashihara, Oaza-sendai, Kohnan-machi, Ohsato-gun, Saitama 360-0193, Japan	
3. Nature of conveyance:			
X Assignment Mer Security Agreement Cha Other Execution Date: June 14, 2006		Additional name(s) & address(es) attached? NO	
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application, the execution date of the application is: June 14, 2006 A. Patent Application No.(s) B. Patent No.(s) J. J. S. H. Z. J. Additional numbers attached? NO			
5. Name and address of party to whom correspo		6. Total number of applications and patents involved: 1	
document should be mailed:	indence concerning	6. Total number of applications and patents involved. 1	
Name: WENDEROTH, LIND & PONACK, L.L.P.		7. Total fee (37 CFR 3.41) \$40.00	
Attn: Charles R. Watts, Esq.		7,171,0	
Street Address: 2033 K Street, N.W., Suite 800		X Enclosed (Check No. 74762) Authorized to be charged to deposit account	
City: Washington, State: DC ZIP: 20006-1021		8. Deposit account number: 23-0975	
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9. Statement and signature. To the best of my knowledge and belief, the foregone Charles R. Watts, Reg. No.33,142 Name of Person Signing	oing information is true an Signature		
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DOCKET NO. 2006_1010A

Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid

to each of the undersigned
Akihiko TAKANO
the undersigned hereby sell(s) and assign(s) to
VALEO THERMAL SYSTEMS JAPAN CORPORATION
of 39, Aza-higashihara, Oaza-sendai, Kohnan-machi, Ohsato-gun, Saitama
360-0193, Japan
(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America
as defined in 3 5 USC 100, in the invention known as
HEAT EXCHANGER
for which an application for patent in the United States of America has been executed by the undersigned
and of the second of the secon
on
The undersigned agree(s) to execute all papers necessary in connection with this application and any
continuing, divisional or reissue applications thereof and also to execute separate assignments in
connection with such applications as the Assignee may deem necessary or expedient

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

> PATENT REEL: 018077 FRAME: 0865

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L. L. P., 2033 K Street, N. W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness winame(s).	hereof, executed by the un	dersigned on the date(s) opposite the undersigned
	4, 2006, Name of Inve	ntor Akihiko Takano Akihiko TAKANO
Date	, Name of Inve	ntor
(This assignment of the I	ent should preferably be ackno nventor(s) should be witnessed	owledged before a United States Consul. If not, then the l by at least two witnesses who sign here.)
	Witness	
	Witness	
	ACKNOV	VLEDGMENT
to me personally	y known as the individual(s me that he (they) executed t	s) who executed the foregoing assignment, who did he same of his (their) own free will for the purposes
SEAL		Official Signature
The above app	lication may be more particula	Official Title
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Applicant Referenc	e Number	, Atty. Docket No.
Title of Intention		

-2-

RECORDED: 06/26/2006