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Form	PTO-1595 (Rev. 08/05)
OMB	No. 0651-0027 (avp. 6/30/200

07-26-2007



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IAP13 Rec'd PCT/PTO 19 JUL 2007.

1 1 / 7 95 6 0 9 United States Patent and Trademark Office

YUNC

Attorney Docket No. 10122.0009 Attorney Customer Number: 22,852

the attached documents or the new address(es) below.

Name of conveying party(ies) (1) Kazuhide TAKANO		2. Name and address of receiving party(ies)		
(2)	Shinji GOTO	Name:	Toyota Jidosha Kabushiki Kaisha	
3. Nature of conveyance/Execution Date(s):		Street Address:	1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 Japan	
Execution Date(s)	(1) May 8, 2007			
	(2) April 26, 2007	and		
Assignment	Merger	- 		
Security Agre	ement Change of Name	Name:	Nihon Kohnetsu Industrial Co., Ltd.	
☐ Joint Researc	h Agreement	Street Address: 5-19-16 Biwajima, Nishi-ku, Nagoya, Aichi 451-0053 Japan		
Government I	nterest Assignment	401-0000 Vapan		
Executive Ord	ler 9424, Confirmatory License	Additional name(s) & address(es) attached?		
Other			, a address(es) andoned.	
4. Application or patent number(s): This document is being filed together with a new application.		h a new application.		
A. Patent Applica	tion No.(s)	B. Patent No.(s)	•	
			11/795609	
	Additional numbers	attached? 🗌 Yes 🛚	No 111 193 607	
	ddress to whom correspondence	6. Total number of applications and patents involved: 1		
concerning	document should be mailed:	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Name: Mr. Ernest F. Chapman		Authorized to be charged by credit card		
		Authorized to be	charged to deposit account	
Internal Address:	Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.		e charge deficiency to deposit account)	
Street Address:	901 New York Avenue, NW	None required (government interest not affecting title)		
			Payment Information	
State:	DC Zip: 20001-4413	_	Last 4 Numbers	
Phone Number:	(202) 408-4000		Expiration Date	
Fax Number:	(202) 408-4400	b. Deposit Ac	count Number 06-0916	
Email Address:		Authorized	User Name	
9. Signature:	Jeff Willy _		July 19, 2007	
	Signature		Date	
	Ernest F. Chapman, Reg. No. 25,961	Tot	al number of pages including cover	
	Name of Person Signing		eet, attachments, and documents	
			(FT) 0T0 0440	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT REEL: 019600 FRAME: 0114

ASSIGNMENTP13 Rec'd PCT/PTO 19 JUL 2007

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

Heat Treatment Furnace and Heat Treatment Facility Comprising It 1 1 7 9 5 6 0 9

for which I/WE executed an application for United States Letters Patent on	for United States Lett , 20	ers Patent concurrently here (Application No.	ewith or filed an application); and
WHEREAS, TOYOTA JIDOSHA and NIHON KOHN			
a corporation of Japan			
whose post office address are 1. Tovota-cho. Tovota-shi. Aichi	ken. 471-8571 Jai	oan	

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. , filed) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

and 5-19-16 Biwajima, Nishi-ku, Nagoya, Aichi 451-0053 Japan

FULL NAME OF SOLE OR FIRST ASSIGNOR Kazuhide Takano	ASSIGNOR'S SIGNATURE Kazuhide Takano	DATE 5/8/07
ADDRESS Okazaki-shi, Aichi		citizenship Japanese

2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Shinji Goto	Shinji Goto	April 26,2007
ADDRESS		CITIZENSHIP
Okazaki-shi, Aichi		Japanese
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
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	Licelous pre significant	D.T.
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
ADDRESS		CHIZENSHIF
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RECORDED: 07/19/2007

PATENT

REEL: 019600 FRAME: 0116