Form **PTO-1595** (Rev. 03-05) OMB No. 0651-0027 (exp. 6/30/2005)

IAP16 Rec'd PCT/PTO 14 SEP 2006 10/592803 U.S. DEPARTMENT OF COMMERCE

09-27-2006

|--|--|--|--|--|--|--|--|--|--|--|

To the Director of the U.S. Patent and Trademark Office: Please	
1. Name of conveying party(ies):	2. Name and address of 10331290
Tetsuya OKAMOTO (4/6/2005), Eiji KUMAKURA	Name: DAIKIN INDUSTRIES, LTD.
(4/6/2005), Masakazu OKAMOTO (4/7/2005), Michio MORIWAKI (4/6/2005), and	Internal Address:
Additional name(s) of conveying party(ies) attached? X Yes No	Street Address:
3. Nature of conveyance/Execution Date(s):	Umeda Center Bldg.
3. Nature of conveyance/Execution Date(s).	4-12, Nakazaki-nishi 2-chome, Kita-ku
Execution Date(s): in parentheses after inventor name	Osaka-shi, Osaka 530-8323
X Assignment Merger Change of Name	JAPAN .
Security Agreement Joint Research Agreement	City:
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: Zip:
Other	Additional name(s) & address(es) Yes X No
Other	attached:
4. Application or patent number(s):	This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
NEW	
·· ·	/
Additional numbers attached?	Yes XNo 10/59280}
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: D. Richard Anderson	
BIRCH, STEWART, KOLASCH & BIRCH,	
LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 4633-0183PUS1	Authorized to be charged by credit card
Street Address: 8110 Gatehouse Road	Authorized to be charged to deposit account
Suite 100 East P.O. Box 747	X Enclosed
1 .O. BOX 141	
	None required (government interest not affecting title)
City: Falls Church	8. Payment Information
State: VA Zip: 22040-0747	a. Credit Card Last 4 Numbers
Phone Number: (703) 205-8035	Expiration Date
Fax Number: (703) 205-8050	b. Deposit Account Number
Email Address:	Authorized User Name
. Signature:	September 14, 2006
Signature	Date
D. Richard Anderson - 40,439	Total number of pages including cover 4
Name of Person Signing	sheet, attachments, and documents:

09/20/2006 GFREY1

05 FC:8021

00000045 10592803

Birch, Stewart, Kolasch & Birch, LLP

DRA/clb

IAP5 Rec'd PCT/PTO 14 SEP 2006

Form PTO-1595	RE	(continued)	10/592803
Additional Convey	ying Party(ies)/E	xecution Date(s) (1. Contir	
Katsumi SAKITANI (4	4/4/2005)		;
Additional Assign	ees (2. Continue	ed):	
Assignee Name:			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Additional Applica	tions and/or Pat	ents (4. Continued):	
Additional Patent Application 4A. Continued:	on Numbers	Additional Patent Num 4B. Continued:	bers
	, Additional num	bers attached? Yes	No

2

Docket No.: 4633-0183PUS1

REEL: 018324 FRAME: 0028

	4633-0183PUS1
Attorney Docket No.	

ASSIGNMENT

\mathbf{W}	HEREAS, <u>I</u>	<u>etsuya OKA</u>	<u>MOTO, Eiji K</u>	<u>UMAKUF</u>	<u>kA, Masakaz</u>	u OKAMOT	l'O, Michio
MORIWA	KI, Katsum	i SAKITANI	[
	designated		igned) has (have	e) invented	certain new a	and useful im	provements in
					for which the	ne undersigne	ed has (have):
(a)			etters Patent of				
	97	14/06	having Se	rial No	NEW		; or
(b)	executed a indicated b		for Letters Pat	ent of the	United State	s of America	a on the date(s)
\mathbf{W}	HEREAS,		DAIKIN INDU	STRIES,	<u>LTD</u>	of	•
Umeda Cer	nter Bldg., -	I-12, Nakaza	ki-nishi 2-chon	ne, Kita-k	u, Osaka-shi	, Osaka 530-	8323, Japan
its heirs, su	ccessors, leg	al representa	tives and assign	s (hereinaf	ter designated	d as the Assig	nee) is desirous
of acquiring	g the entire i	ight, title and	interest in and	to said inve	ention and in	and to any Le	etters Patent(s)
that may be	granted the	refor in the U	nited States of	America;		-	

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

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 any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

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

PATENT REEL: 018324 FRAME: 0029 The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and -Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date:	April 6, 2005,	Tetsuya Okamoto
		Tetsuya OKAMOTO
Date:	April 6. 2005	Eiji Kunakura
	1 2 2	Eiji KUMAKURA
Date:	April 7, 2005	Michio Morinaki
		Michio MORIWAKI
Date:	April 6, 2005	masakazu Okeanoto
		Masakazu OAKAMOTO
Date:	April 4. 2005.	Katsumi Sakilaw
	'	Katsumi SAKITANI
Date:		
Date:		
Date:		

RECORDED: 09/14/2006

PATENT REEL: 018324 FRAME: 0030