DT15 Rec'd PCT/FTC 2 3 JUL 2003 . Docket No.: 4633-0102P Page 1 of 1 12-24-2003 RECORDATIO To the Director of the102631511 Please record the attached ___. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) [FAMILY NAME (ALL CAPS), Given Name] Name: DAIKIN INDUSTRIES, LTD. TANIMOTO, Kenji 7-23-63 Internal Address: **UENO**, Takeo Street Address: Umeda Center Bldg., 4-12 Nakazaki-TAKEGAMI, Masaaki nishi 2-chome, Kita-ku, Osaka-shi SAKAE, Satoru City: Osaka ZIP: State: Additional name(s) of conveying party(ies) attached? Country: JAPAN Postal Code: 530-8323 YES NO Additional name(s) & address(es) attached?

YES

NO 3. Nature of conveyance: ■ Assignment ☐ Merger Security Agreement ☐ Change of Name Other: Execution Date: July 10, 2003 4. Application number(s) or patent number(s): 00000 If this document is being filed together with a new application, the execution date of the application is: July 10, 2003 A. Patent Application No(s). B. Patent No.(s). **NEW** Additional numbers attached? YES NO 5. Name and address of party to whom correspondence 6. Total No. of applications/patents involved: ONE (1) concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41): \$40.00 Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP □ Enclosed Street Address: P.O. BOX 747 Authorized to be charged to deposit account, City: FALLS CHURCH State: VA ZIP: 22040-0747 if no fee attached. 8. Deposit account number: 02-2448 Country: USA (Attach triplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. D. Richard Anderson, #40,439 July 23, 2003 Name of Person Signing/Reg. No. Signature Date Total number of pages including cover sheet, attachments, and document: THREE (3)

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DRA/ka (Rev. 04/30/03)

PATENT REEL: 014816 FRAME: 0343

Attorney Docket No.	4633-0102P
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ASSIGNMENT

ν	VHEREAS, _	<u>Kenji TANI</u>	<u>IMOTO,</u>	<u>Takeo UEN</u>	<u>10, M</u>	<u>lasaaki TAKE</u>	GAMI,	
			and	Satoru SA	KAE			
		s the undersign REPRIGO				new and usef	ul improvements	
					for wh	nich the under	signed has (have)	-):
(a)	filed an app July I	lication for Let	ters Patent having	of the Unite Serial No	d States of NEW	of America or	n ; or	
(b)	executed an indicated be	application for low; and	r Letters P	Patent of the	United S	States of Ame	erica on the date((s)
W	VHEREAS, _	DA	AIKIN INI	DUSTRIES	, LTD.		_ of	
							530-8323, Japan	ı
		l representative						
desirous of	f acquiring the	entire right, tit	le and inter	rest in and to	said inv	ention and in	and to any Lette	rs
		inted therefor in					•	

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: 014816 FRAME: 0344 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 convenants 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:	July 10, 2003 ,	Kenga /ANIMOTO
		Kenji TANIMOTO
Date:	July 10, 2003	Taken Ueno.
		Takeo UENO
Date:	July 10, 2003,	Masaaki Takegami
		Masaaki TAKEGAMI
Date:	July 10, 2003	Satoru SAKAE
		Satoru SAKAE
Date:		
Date:		
Date:		
Date:		

RECORDED: 07/23/2003

PATENT REEL: 014816 FRAME: 0345