03-08-2000



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RECORDATION COVER SHEET PATENTS

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

1. Name(s) of conveying party(ies):

Hiroshi TSUKUDA and Chiaki OKUMURA

2. Name(s) and Address(es) of receiving party(ies):

DAIKIN INDUSTRIES, LTD.
Umeda Center Building
4-12, Nakazaki-nishi, 2-chome,
Kita-ku, Osaka-shi, Osaka 530-8323 JAPAN

- 3. Nature of conveyance: Assignment Execution Date: January 7, 2000
- 4A. Patent Application No.(s): 09/403,587
 - Application execution date: January 6, 2000 and January 7, 2000
- 4B. Patent No.(s):
- 5. Name and Address of Party to whom correspondence regarding this document should be mailed:

Smith, Gambrell & Russell, LLP Beveridge, DeGrandi, Weilacher & Young Intellectual Property Group 1850 M Street N.W. (Suite 800) Washington, DC 20036

202 659-2811

- 6. Total number of applications and patents involved : one
- 7. Total fee: \$40.00.

(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

8. Deposit account no.: 02-4300

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9. <u>Statement and Signature:</u> 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.

Name of Person Signing: Michael A. Makuch, Reg. No. 32,263

Signature:

Date: February 4, 2000

03/06/2000 DNGUYEN 00000229 09403587 01 FC:581 40.00

> PATENT REEL: 010588 FRAME: 0612

ASSIGNMENT DEED.

This assignment is applicable to an invention entitled (invention Title) Sensor	
The PATENT RIGHTS referred to in this agreement are: (check one) a patent application for this invention, executed by the ASSIGNOR(S) concurren l.	y with this assignment
∇ the matter section Section No. 109/403 SN/ tiled October 2.1.	1999
U.S. patent application Serial No	patents and patent
applications identified above. The PATENT RIGHTS assigned under this agreement are:	
(check one) \(\Omega \) U.S. patent rights only	
morldwide patent rights. In this case, the assignee shall have the right to class filing date of any U.S. patent application identified above.	p the benefit of the
Tilling data of any U.S. patent application fountified above. The ASSIGNOR(S) referred to in this agreement is (or are)	
	and the second s
(Full name of sole or first inventor) <u>Hiroshi TSUKUDA</u> (Address) <u>693-425, Simoyama, Minakuchi-cho, Kouga-gun, Shiga 528-0063 Japan</u>	
(Full name of second joint, inventor if any) Chaki OKUMURA	
(Full name of second joint, inventor if any) <u>Chaki OKUMURA</u> (Address) <u>C/O Daikin Industries, Ltd., 3 Miyukigaoka, Tsukuba-shi, Ibaraki 305-084)</u>	Japan
(Full name of third joint, inventor if any) (Address)	
(Full name of fourth joint, inventor if any) (Address)	
(Full mame of fifth joint, inventor if any)	
(Full name of fifth joint, inventor if any)(Address)	
(Name of Assignce) DAIKIN INDUSTRIES, LTD., (Address of Assignce) Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi The ASSIGNEE is: (check one) □ An Individual. □ A Partnership. ☑ A Corporation of Osaka Japan	:ountry)
(state	country)
The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable of which is acknowledged, have and do hereby assign the following to the ASSIGNEE: its success the full and exclusive right to the invention; the entire right, title and interest in and to the PATENT RICHTS: the right to sue and recover for any past infringement: and	
the right to claim priority under 35 USC 119, based on any earlie loterin applications assigned under this agreement, the ASSIGNOR(S) hereby author to all U.S. patent applications assigned under this agreement, the ASSIGNEE as the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and right, title and interest, for the sole use and enjoyment of said ASSIGNEE, or its representatives	assignee of the entire issigns. any facts know to the
ASSIGNOR (S) respecting said invention, and testify many legal proceedings. Size of the said ASSIGNER, make all rightful oaths and generally do ever a Letters Patent to be issued to said ASSIGNER, make all rightful oaths and generally do ever the transfer of the successors and assigns, to obtain and enforce proper protection	thing necessary or desire for said invention.
Idiroshi Tsukuda 2000.	1.7 Date)
(Signature of sole or inventor)	Date)
(Signature of second inventor)	
(Signature of third inventor)	Date)
(Signature of fourthr inventor)	Date)
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Sensor	nument is applicable to an				
The PATEN	RIGHTS referred to in thi	s agreement	arei		
check one) 🗖	a patent application for	this invent	ion, executed by	the ASSIGNOR(S)	concurrently with this assign
02	1 U.S. patent application Se	rial No.	09/403.587	, filed	October 25.1999
	U.S. patent No.	, i	ssued		
The PATENT	r RIGHTS also include all o	livisions. z	eissues, continue	tions and exten	sions of the patents and pater
	identified above.				
The PATENT	r RICHTS assigned under the	is afteedent	are:		
	U.S. patent rights only				
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ill name of	sole or first inventor)	Huoshi 12	UKUDA	· 700 80/2	
iq7,622)	593-425, Simoyama, Mina	kuchi-cho	, Kouga-gun, Si	nga 528-0063	Japan
ul'i name of	second joint, inventor if	any) Chi	aki OKUMURA		
ddress)(/O Daikin Industries. Lt	d., 3 Miyul	kigaoka, Tsukul	a-shi, Ibaraki	305-0841 Japan
ull name of	third joint, inventor if	(var			
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of which is the full the entir	acknowledged, have and do land exclusive right to the right title and interes	nereby assign inventionational t in and to	n the following: : the PATENT RIGHT	to the ASSIGNEE	and valuable consideration, its successors and assigns:
the right	to aue and recover for a	ny past infi	ringement: and	_	
the right	t to claim priority under	35 USC 119,	based on any ear	lie foreign app	lications for this invention.
As to all	U.S. patent applications	assigned un	der this agreemen	t. The ASSIGNOR (S) hereby authorize(s) and re
the Commission	oner of Patents and Tradem	arks to iss	ue all Letters Pa	itent to the ASS	IGNEE as the assignee of the
right, title	and interest, for the sole	use and en	joyment of said A	SSIGNEE, its suc	cassors and assigns.
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