

03-08-2000

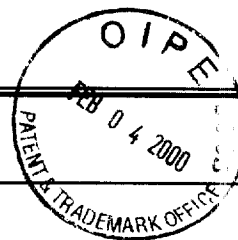


101285020

032254M005

MRD
2.4.00

**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

DO NOT USE THIS SPACE

9. Statement and Signature: 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 DP

**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) concurrently with this assignment
☒ U.S. patent application Serial No. 09/403,587, filed October 2, 1999
☐ U.S. patent No. _____, issued _____

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☒ U.S. patent rights only
☐ worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. patent application identified above.

The ASSIGNOR(S) referred to in this agreement is(or are)

(Full name of sole or first inventor) Hiroshi TSUKUDA

(Address) 693-425, Simoyama, Minakuchi-cho, Kouga-gun, Shiga 528-0063 Japan

(Full name of second joint, inventor if any) Chaki OKUMURA

(Address) C/O Daikin Industries, Ltd., 3 Miyukigaoka, Tsukuba-shi, Ibaraki 305-084 Japan

(Full name of third joint, inventor if any) _____

(Address) _____

(Full name of fourth joint, inventor if any) _____

(Address) _____

(Full name of fifth joint, inventor if any) _____

(Address) _____

The ASSIGNEE referred to in this agreement is(or are)

(Name of Assignee) DAIKIN INDUSTRIES, LTD.,

(Address of Assignee) Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi Osaka 530-8323 Japan

The ASSIGNEE is:

- (check one) ☐ An Individual.
☐ A Partnership.
☒ A Corporation of Osaka Japan (state/country)
☐ _____

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to the ASSIGNEE, its successors and assigns:

- the full and exclusive right to the invention;
- the entire right, title and interest in and to the PATENT RIGHTS;
- the right to sue and recover for any past infringement; and
- the right to claim priority under 35 USC 119, based on any earlier foreign applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(S) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(S) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do ever thing necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

Hiroshi Tsukuda

(Signature of sole or inventor)

2000.1.7

(Date)

(Signature of second inventor)

(Date)

(Signature of third inventor)

(Date)

(Signature of fourth inventor)

(Date)

(Signature of fifth inventor)

NO. 73/4 b 1/3/74

DAIKIN MFC

2000年1月7日

PATENT

REEL: 010588 FRAME: 0613

FROM

2000年 1月 6日(木) 17:46/審判 7:42/文書番号 41) 2194079 P 4

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) concurrently with this assignment
☒ U.S. patent application Serial No. 09/403,587, filed October 25, 1999
☐ U.S. patent No. _____, issued _____

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☒ U.S. patent rights only
☐ worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. patent application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are)

(Full name of sole or first inventor) Hiroshi TSUKUDA

(Address) 693-425, Simoyama, Minakuchi-cho, Kouga-gun, Shiga 528-0063 Japan

(Full name of second joint inventor if any) Chiaki OKUMURA

(Address) C/O Daikin Industries, Ltd., 3 Miyukigaoka, Tsukuba-shi, Ibaraki 305-0841 Japan

(Full name of third joint inventor if any) _____

(Address) _____

(Full name of fourth joint inventor if any) _____

(Address) _____

(Full name of fifth joint inventor if any) _____

(Address) _____

The ASSIGNEE referred to in this agreement is (or are)

(Name of Assignee) DAIKIN INDUSTRIES, LTD.

(Address of Assignee) Umeda Center Building, 4-12, Nakazaki nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 Japan

The ASSIGNEE is:

- (check one) ☐ An Individual.
☐ A Partnership.
☒ A Corporation of Osaka Japan
☐ _____ (state/country)

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, rec of which is acknowledged, have and do hereby assign the following to the ASSIGNEE, its successors and assigns:

- the full and exclusive right to the invention;
- the entire right, title and interest in and to the PATENT RIGHTS;
- the right to sue and recover for any past infringement; and
- the right to claim priority under 35 USC 119, based on any earlier foreign applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

(Signature of sole or inventor)

Chiaki OKUMURA

(Signature of second inventor)

(Signature of third inventor)

(Signature of fourth inventor)

(Signature of fifth inventor)

(Date)

(Date)

(Date)

(Date)

(Date)

P.03/03

FAX 069356244

04/01/00 13:17

00.01.06 (*) 90'10'00

RECORDED: 02/04/2000

PATENT
REEL: 010588 FRAME: 0614