

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Masatoshi NOSE</td> <td>01/13/2010</td> </tr> <tr> <td>Yuzo KOMATSU</td> <td>01/13/2010</td> </tr> <tr> <td>Akinari SUGIYAMA</td> <td>01/14/2010</td> </tr> <tr> <td>Takashi SHIBANUMA</td> <td>01/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Masatoshi NOSE	01/13/2010	Yuzo KOMATSU	01/13/2010	Akinari SUGIYAMA	01/14/2010	Takashi SHIBANUMA	01/15/2010
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>DAIKIN INDUSTRIES, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome</td> </tr> <tr> <td>City:</td> <td>Kita-ku, Osaka-shi, Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>5308323</td> </tr> </table>		Name:	DAIKIN INDUSTRIES, LTD.	Street Address:	Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome	City:	Kita-ku, Osaka-shi, Osaka	State/Country:	JAPAN	Postal Code:	5308323
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (202)721-8250</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2027218200</p> <p>Email: wlp@wenderoth.com</p> <p>Correspondent Name: Wenderoth, Lind &amp; Ponack, L.L.P.</p> <p>Address Line 1: 1030 15th Street, N.W.</p> <p>Address Line 2: Suite 400 East</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	2011_0110A										
NAME OF SUBMITTER:	Catherine Walsh										
Total Attachments: 2											

OP \$40.00 13057525

**501437479**

**PATENT**  
**REEL: 025803 FRAME: 0910**

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**PATENT**

**REEL: 025803 FRAME: 0911**

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) **1) Masatoshi NOSE, 2) Yuzo KOMATSU, 3) Akinari SUGIYAMA, and  
4) Takashi SHIBANUMA, of**

**1)-4) c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1,  
Nishihitotsuya, Settsu-shi, Osaka 5660044, Japan**

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s) **DAIKIN INDUSTRIES, LTD., of**  
Address **Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka  
5308323, Japan**

Title of Invention **(hereinafter designated as the Assignee) the entire right, title and interest for the  
United States as defined in 35 USC 100, in the invention known as  
PROCESS FOR PREPARING 2,3,3,3-TETRAFLUOROPROPENE AND 1,3,3,3-  
TETRAFLUOROPROPENE**

Date of Signing of Application **for which an application for patent in the United States has been executed by the  
undersigned  
on January 13, 14 and 15**

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 continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

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

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date January 13, 2010, Name of the Inventor Masatoshi NOSE  
Masatoshi NOSE  
Date January 13, 2010, Name of the Inventor Yuzo Komatsu  
Yuzo KOMATSU  
Date January 14, 2010, Name of the Inventor Akinari Sugiyama  
Akinari SUGIYAMA  
Date January 15, 2010, Name of the Inventor Takashi Shibamura  
Takashi SHIBANUMA  
Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_  
Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_  
Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness \_\_\_\_\_

Witness \_\_\_\_\_

### ACKNOWLEDGMENT

\_\_\_\_\_  
\_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
Official Signature

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 13/057,525 Filing Date \_\_\_\_\_

Applicant Reference Number \_\_\_\_\_ Atty Docket No. \_\_\_\_\_

Title of Invention \_\_\_\_\_  
\_\_\_\_\_