

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	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>11/10/2009</td> </tr> <tr> <td>Daisuke KARUBE</td> <td>11/10/2009</td> </tr> <tr> <td>Akinari SUGIYAMA</td> <td>11/10/2009</td> </tr> <tr> <td>Takashi SHIBANUMA</td> <td>11/16/2009</td> </tr> <tr> <td>Takehiro CHAKI</td> <td>11/10/2009</td> </tr> </tbody> </table>		Name	Execution Date	Masatoshi NOSE	11/10/2009	Daisuke KARUBE	11/10/2009	Akinari SUGIYAMA	11/10/2009	Takashi SHIBANUMA	11/16/2009	Takehiro CHAKI	11/10/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>DAIKIN INDUSTRIES, LTD.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome</td> </tr> <tr> <td><b>City:</b></td> <td>Kita-ku, Osaka-shi, Osaka</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>5308323</td> </tr> </table>		<b>Name:</b>	DAIKIN INDUSTRIES, LTD.	<b>Street Address:</b>	Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome	<b>City:</b>	Kita-ku, Osaka-shi, Osaka	<b>State/Country:</b>	JAPAN	<b>Postal Code:</b>	5308323		
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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>													
<b>ATTORNEY DOCKET NUMBER:</b>	2011_0099A												
<b>NAME OF SUBMITTER:</b>	Catherine Walsh												

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**PATENT**  
**REEL: 025734 FRAME: 0266**

Total Attachments: 2  
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# 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) Daisuke KARUBE, 3) Akinari SUGIYAMA, 4) Takashi SHIBANUMA, 5) Takehiro CHAKI, of**  
1)- 5) c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5660044, Japan

Insert Name(s) of Assignee(s) Address the undersigned hereby sell(s) and assign(s) to **DAIKIN INDUSTRIES, LTD., of**  
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**

Date of Signing of Application for which an application for patent in the United States has been executed by the undersigned  
on \_\_\_\_\_

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 November 10, 2009, Name of the Inventor Masatoshi Nose  
**Masatoshi NOSE**

Date November 10, 2009, Name of the Inventor Daisuke Karube  
**Daisuke KARUBE**

Date November 10, 2009, Name of the Inventor Akinari Sugiyama  
**Akinari SUGIYAMA**

Date November 16, 2009, Name of the Inventor Takashi Shibamura  
**Takashi SHIBANUMA**

Date November 10, 2009, Name of the Inventor Chuki Takehiro  
**Takehiro CHAKI**

(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 Yasufu Yamaoka

Witness Tosumi Inchiya

### 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. 13/056,448 Filing Date \_\_\_\_\_

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

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