503715783 03/01/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ATSUSHI SHIRAI	10/20/2014
MASATOSHI NOSE	10/17/2014
YOSUKE KISHIKAWA	10/20/2014
TATSUYA OHTSUKA	10/20/2014
SUMI ISHIHARA	10/20/2014

RECEIVING PARTY DATA

Name:	DAIKIN INDUSTRIES, LTD.
Street Address:	UMEDA CENTER BUILDING
Internal Address:	4-12, NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	530-8323

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14915677

CORRESPONDENCE DATA

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WENDEROTH, LIND & PONACK, L.L.P. **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	2016-0282A
NAME OF SUBMITTER:	KELLY GREENE
SIGNATURE:	/Kelly Greene/
DATE SIGNED:	03/01/2016

PATENT REEL: 037861 FRAME: 0558 503715783

Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif

PATENT REEL: 037861 FRAME: 0559

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)

1) Atsushi SHIRAI, 2) Masatoshi NOSE, 3) Yosuke KISHIKAWA, 4) Tatsuya OHTSUKA,

of

and 5) Sumi ISHIHARA,

Inventor(s)

of 1)-5) c/o Yodogawa Plant, DAIKIN INDUSTRIES, LTD., 1-1, Nishi-Hitotsuya, Settsu-shi,

Osaka 5668585, Japan

Insert Name(s)

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

of

DAIKIN INDUSTRIES, LTD.,

Assignee(s)

of <u>Umeda Center Building</u>, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka 5308323.

Address

<u>Japan</u>

(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

Title of Invention

METHOD FOR PRODUCING 1,1-DIBROMO-1-FLUOROETHANE

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, 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 post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

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 USPTO to issue any and all Letters Patents of the United States resulting from said application or any continuation, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and covenant(s) that the undersigned 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., the power to insert on this document any further identification which may be necessary or desirable.

> PATENT REEL: 037861 FRAME: 0560

Executed by the undersigned on the date(s) opposite the undersigned name(s).

Atsushi Shirai	October 20, 20/9/	
(Signature) Atsushi SHIRAI	(Date)	
Masatoshi Rose	October 17, 2014	
(Signature) Masatoshi NOSE	(Date)	
youls Hishipava	Otosber 20, 2014 (Date)	
(Signature) Yosuke KISHIKAWA	(Date)	
Tatom Obsaha	(Date)	
(Signature) Tatsuya OHTSUKA	(Date)	
Sumi Ishihara	October 20, 2014	
(Signature) Sumi ISHIHARA	(Date)	
Witness (optional) Witness (optional) Witness (optional) Witness (optional) Witness (optional)		
And the state of t		
U.S. Application Serial No.:	Filing Date:	
Applicant Reference Number:	Attorney Docket No.:	

PATENT REEL: 037861 FRAME: 0561

RECORDED: 03/01/2016