## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Sudip Mukhopadhyay	01/22/2007
Haridasan K. Nair	01/23/2007
Hsueh S. Tung	01/25/2007
Michael Van Der Puy	01/23/2007
Rajiv R. Singh	01/23/2007
Haiyou Wang	01/23/2007
Robert C. Johnson	01/23/2007

#### **RECEIVING PARTY DATA**

Name:	oneywell International Inc.		
Street Address:	101 Columbia Road		
City:	Morrisville		
State/Country:	NEW JERSEY		
Postal Code:	07962		

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11592442

### **CORRESPONDENCE DATA**

500213767

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Correspondent Name: Joseph F. Posillico
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Address Line 2: 2600 Aramark Tower

Address Line 4: Philadelphia, PENNSYLVANIA 19107

ATTORNEY DOCKET NUMBER: P30834-B USA

PATENT

REEL: 018812 FRAME: 0904

-OP \$40.00 11592

NAME OF SUBMITTER:	Joseph F. Posillico	
Total Attachments: 6		
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PATENT REEL: 018812 FRAME: 0905

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Assignment before issue of Letters Patent

Honeywell File

H0010216-4510

WHEREAS Sudip S.M. Mukhopadhyay, Haridasan K. Nair, Hsueh S. Tung, Michael Van Der Puy, Rajiv R. Singh, Haiyou Wang, and Robert C. Johnson,

(hereinafter "Assignor") have invented certain new and useful improvements in

## Method for Producing Fluorinated Organic Compounds

(hereinafter "invention") for which Assignor filed U.S Patent Application No. 11/592,442 on November 3, 2006, which application claims priority of U.S. Patent Application Nos. 11/118,504 filed April 29, 2005, 11/118,503 filed April 29, 2005, and 11/118,530 filed April 29, 2005, and U.S. Provisional Application Nos. 60/567,426 filed April 29, 2004, 60/567,429 filed April 29, 2004, 60/567,427 filed April 29, 2004, 60/567,425 filed April 29, 2004, 60/567,428 filed April 29, 2004, 60/763, 086 filed January 27, 2006, and 60/733,377 filed November 3, 2005, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell International Inc. a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this		day	of	,20		
		Sudi	p S.M. Mul	chopadhyay		
STATE OF			)			
COUNTY OF			) ss.: )			
	On this	day of _		,20	before me perso	onally appeared
to me known and	known to me to be the i	ndividual		Described in and who e	xecuted the forego	oing instrument,
and he	acknowledged (	to me that	He	Executed the same.		
[SEAL]						
						Notary Public
			My commiss	ion expirec		

PATENT REEL: 018812 FRAME: 0906

IN TESTIMONY WHEREOF, I have hereunto set my	hand this 1 23 of day of Janay , 2007
Hai	ridasan K. Nair
STATE OF New York	)
COUNTY OF ERIE	) ss.: )
On this day of	Jawaca , 20 O before me personally appeared
MARY J BOHN to me hourary busic territory new york	Described in and who executed the foregoing instrument,
CEDITIES IN SOME that	He Executed the same.
[SEAL] COMMISSION EXPIRES 12/30/20/	mary & Bohn Notary Public
	My commission expires: 20/0

IN TESTIMONY WHEREOF, I have hereunto set my  Hst	hand this 2514 day of January 2007  Duch Suy Cung  web S. Tung
STATE OF New York COUNTY OF Exic	) ) ss.: )
On this 25th day of	before me personally appeared
to me known and known BOHN be the individual amotary public, State oppled and me that [SEAL] NO 01B06085517  CERTIFIED IN ERIE COUNTY  MY COMMISSION EXPIRES 12/30/20 / 0	Described in and who executed the foregoing instrument,  He Executed the same.  My commission expires: 20/0

IN TESTIMONY WHEREOF, I have hereunto set my	Whand this 23 rd day of Jan ,20 07  Michael Van Da. Ply  ichael Van Der Puy
STATE OF New York	) ) ss.:
COUNTY OF Erle On this 23rd day of	before me personally appeared
to me knowAR KnowBOHN be the individual	U
NO 01B06085517	Described in and who executed the foregoing instrument,  He Executed the same.
ISEA/GERTIFIED IN ERIE COUNTY MY COMMISSION EXPIRES 12/30/20/	mary of Bohw Notary Public
	My commission expires: 2010

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of Jameny 2007
- Vann Sur
Rajiv R. Singh
STATE OF YOUN YORK  COUNTY OF Erie  Sand
On this 23 day of Jawani , 200 before me personally appeared  MARY J BOHN to me MOTARY DUSTYC 18 TATE OF NEW YOR!  and he NO 018 Coppositived to me that CERTIFIED IN ERIE COUNTY  [SEAL COMMISSION EXPIRES 12/30/20 6  My commission expires: 2010
IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of Janklang, 20 0)  Haiyou Wang
STATE OF New York
COUNTY OF Exic ) ss.:
On this 23rd day of January, 200 before me personally appeared
to me known and public, SIAIE of NEW YORK and he NO 01800885135ed to me that  [SEAL] CERTIFIED IN ERIE COUNTY  MY COMMISSION EXPIRES 1230120/0
My commission expires: Q0/0
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of January, 20 07  Robert C. Johnson
11. Vade
COUNTY OF Eric ) ss.:
On this 23 day of howard, 200 before me personally appeared
MARY J BOHN
NO DIDOCOGRAD
and CERTIFIED IN ERIE COUNTY  SERVICE OF THE COUNTY  CERTIFIED IN ERIE COUNTY  CERTIFIED IN ERIE COUNTY
[SEADIY COMMISSION EXPIRES 12/30/2010 May & Bohn

My commission expires: 2010

#### ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File H0010216-4510

Sudip Mukhopadhyay, Haridasan K. Nair, Hsueh S. Tung, Michael Van Der Puy, Rajiv R. Singh, WHEREAS Haiyou Wang, and Robert C. Johnson,

(hereinafter "Assignor") have invented certain new and useful improvements in

# Method for Producing Fluorinated Organic Compounds

(hereinafter "invention") for which Assignor filed U.S Patent Application No. 11/592,442 on November 3, 2006, which application claims priority of U.S. Patent Application Nos. 11/118,504 filed April 29, 2005, 11/118,503 filed April 29, 2005, and 11/118,530 filed April 29, 2005, and U.S. Provisional Application Nos. 60/567,426 filed April 29, 2004, 60/567,429 filed April 29, 2004, 60/567,427 filed April 29, 2004, 60/567,425 filed April 29, 2004, 60/567,428 filed April 29, 2004, 60/763, 086 filed January 27, 2006, and 60/733,377 filed November 3, 2005, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell International Inc. a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignce's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 W day of JAN 20 0-	7
$\frac{1}{20}$	
Sudip and Mukhopadhyay	
STATE OF CALIFORNIA )	
COUNTY OF SANTA CLIRA ) ss.:	
occurred Carry	
On this 22 rd day of JAN , 20 07 before me personally appeared	
> VII P MUK HOPADHYAY	
to me known and known to me to be the individual who Described in and who executed the foregoing instrument,	
and he acknowledged to me that He Executed the same.	
and he acknowledged to me that He Executed the same.  [SEAL]  Sch's factory evidence.	
My commission expires: Nov 1 8 , 200 8	ıblic
SUNITA SINGH & My commission expires: NOV 18, 2008	·
CALLOTARY PHRIC-CALIFORNIA 2	
SANTA CLARA COUNTY COMM. EXP. NOV. 18, 2008	

PATENT

REEL: 018812 FRAME: 0909

The state of the s	EOF, I have hereunt	o set my hand this	*******	day of	, 20
	· · · · · · · · · · · · · · · · · · ·	Haridasan K	C. Nair		
STATE OF		)			
		) ss.:			
COUNTY OF		)			
C	On this	day of	. 20	before me p	gronelle
				before me p	crsonany appeared
to me known and known to			Described in a	and who executed the fo	regoing instrument
	cknowledged to me	that He		the same.	Same and annoin,
[SEAL]					
					Notary Publ
		My comm	nission expires:		
IN TESTIMONY WHEREC	OF. I have hereunto	et my hand this			· · · · · · · · · · · · · · · · · · ·
	- , - mare neredice .	et my hand uns		day of	,20
		Hsueh S. Tung	•		
STATE OF			5		
SINIEOF		)			
COUNTY OF		) ss.:			
		)			
On	this d	ay of	, 20	before me per	sonally appeared
to me known and known to m					
	nowledged to me the		Described in and	f who executed the fore;	going instrument,
[SEAL]	in aut of pagparaour	at He	Executed the	e same.	
[02710]				•	
		14.			Notary Public
		My commis	ssion expires:		
N TESTIMONY WHEREOF	, I have hereunto set	my hand this		day of	, 20
					, 20
		Michael Van De	r Puy		
TATE OF		)			
		) ss.:			
OUNTY OF		)			
On th	is day	of	20		
34 41	uay		,20	before me perso	nally appeared
me known and known to me	to be the individual		Described in and	who avocuted it.	
	wledged to me that	**	Executed the s	who executed the forego	ing instrument,
	wieuged to me mai	He			
EAL)	wiedged to the that	He	Executed the s	ame.	
	wienged to the that	не	Executed the \$	ame.	Notary Public

PATENT REEL: 018812 FRAME: 0910

IN TESTIMONY WHEREOF, I have hereunto set my hand this
STATE OF  On this day of, 20 before me personally appeared to me known and known to me to be the individual and he acknowledged to me that He Executed the same.  [SEAL]
COUNTY OF  On this day of, 20 before me personally appeared to me known and known to me to be the individual and he acknowledged to me that He Executed the same.  [SEAL]
COUNTY OF  On this day of, 20 before me personally appeared to me known and known to me to be the individual and he acknowledged to me that He Executed the same.  [SEAL]
to me known and known to me to be the individual  and he acknowledged to me that He Executed the foregoing instrument,  [SEAL]
and he acknowledged to me that He Executed the same.  [SEAL]
My commission expires:
CAPILOS.
IN TESTIMONY WHEREOF, I have hereunto set my hand this
day of, 20
Haiyou Wang
STATE OF
COUNTY OF ) ss.:
On this day of, 20 before me personally appeared
to me known and known to make but a survey
and he acknowledged to me that He Executed the same.  [SEAL]  Described in and who executed the foregoing instrument,  Executed the same.
Notary Pub
My commission expires:
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 20
Robert C. Johnson
STATE OF )
COUNTY OF ) ss.:
On this day of, 20 before me personally appeared
to me known and known to me to be at the state of the
and he acknowledged to me that He Executed the same.  Described in and who executed the foregoing instrument,  Executed the same.

My commission expires:

**PATENT** REEL: 018812 FRAME: 0911

Notary Public