

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
CHRISTOPHER J. SEETON	08/13/2009
HANG T. PHAM	08/13/2009
RAJIV R. SINGH	08/13/2009
RYAN HULSE	08/13/2009
MARK W. SPATZ	08/17/2009
DAVID P. WILSON	08/13/2009
SAMUEL F. YANA MOTTA	08/13/2009

**RECEIVING PARTY DATA**

Name:	HONEYWELL INTERNATIONAL INC.
Street Address:	101 COLUMBIA ROAD
Internal Address:	PATENT DEPARTMENT AB-2A
City:	MORRISTOWN
State/Country:	NEW JERSEY
Postal Code:	07962

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12542185

**CORRESPONDENCE DATA**

Fax Number: (609)921-9535  
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 Correspondent Name: HONEYWELL INTERNATIONAL INC.  
 Address Line 1: 101 COLUMBIA ROAD  
 Address Line 2: P O BOX 2245  
 Address Line 4: MORRISTOWN, NEW JERSEY 07962-2245

OP \$40.00 12542185

ATTORNEY DOCKET NUMBER:	H0020917
NAME OF SUBMITTER:	RICHARD S. ROBERTS
Total Attachments: 4 source=H0020917_ASSIGNMENT#page1.tif source=H0020917_ASSIGNMENT#page2.tif source=H0020917_ASSIGNMENT#page3.tif source=H0020917_ASSIGNMENT#page4.tif	

ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File H0020917-4510

WHEREAS, CHRISTOPHER J. SEETON, HANG T. PHAM, RAJIV R. SINGH, RYAN HULSE, MARK W. SPATZ, DAVID P. WILSON, AND SAMUEL F. YANA MOTTA

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

AZEOTROPE-LIKE COMPOSITIONS OF 1,1,1,2-TETRAFLUOROPROPENE AND 1,1,1,2-TETRAFLUOROETHANE

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed on even date herewith

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 13th day of August, 2009. Christopher J. Seeton CHRISTOPHER J. SEETON

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18th day of August, 2009. Hangthanh Pham HANG T. PHAM

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of August, 2009. Rajiv R. Singh RAJIV R. SINGH

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13<sup>th</sup> day of August, 20 09  
Ryan Hulse  
RYAN HULSE

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17<sup>th</sup> day of August, 20 09  
Mark W. Spatz  
MARK W. SPATZ

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13<sup>th</sup> day of August, 20 09  
David P. Wilson  
DAVID P. WILSON

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13<sup>TH</sup> day of August, 20 09  
Samuel F. Yana Motta  
SAMUEL F. YANA MOTTA

STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF ERIE )

On this 13<sup>th</sup> day of August, 20 09 before me personally appeared  
CHRISTOPHER J. SEETON

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL] Linda M. Barrows  
Notary Public, State of New York  
Qualified in Erie County  
Commission # 01BA6166967  
Expires 05/29/2011  
Linda M. Barrows  
My commission expires: 05/29/2011 Notary Public

STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF ERIE )

On this 13<sup>th</sup> day of August, 20 09 before me personally appeared  
HANG T. PHAM

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and s he \_\_\_\_\_ acknowledged to me that s he \_\_\_\_\_ executed the same.

[SEAL] Linda M. Barrows  
Notary Public, State of New York  
Qualified in Erie County  
Commission # 01BA6166967  
Expires 05/29/2011  
Linda M. Barrows  
My commission expires: 05/29/2011 Notary Public

STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF ERIE )

On this 13<sup>th</sup> day of August, 20 09 before me personally appeared  
RAJIV R. SINGH

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL] Linda M. Barrows  
Notary Public, State of New York  
Qualified in Erie County  
Commission # 01BA6166967  
Expires 05/29/2011  
Linda M. Barrows  
My commission expires: 05/29/2011 Notary Public

STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF ERIE )

On this 13<sup>th</sup> day of August, 20 09 before me personally appeared  
RYAN HULSE

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL] Linda M. Barrows  
Notary Public, State of New York  
Qualified in Erie County  
Commission # 01BA6166967  
Expires 05/29/2011  
Linda M. Barrows  
My commission expires: 05/29/2011 Notary Public

STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF ERIE )

On this 17<sup>th</sup> day of August, 20 09 before me personally appeared

MARK W. SPATZ

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he Linda M. Barrows acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL] Notary Public, State of New York  
Qualified in Erie County  
Commission # 01BA6166967  
Expires 05/29/2011

Linda M. Barrows

Notary Public

My commission expires: 05/29/2011

STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF ERIE )

On this 13<sup>th</sup> day of August, 20 09 before me personally appeared

DAVID P. WILSON

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL] Notary Public, State of New York  
Qualified in Erie County  
Commission # 01BA6166967  
Expires 05/29/2011

Linda M. Barrows

Notary Public

My commission expires: 05/29/2011

STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF ERIE )

On this 13<sup>th</sup> day of August, 20 09 before me personally appeared

SAMUEL F. YANNA MOTTA

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL] Notary Public, State of New York  
Qualified in Erie County  
Commission # 01BA6166967  
Expires 05/29/2011

Linda M. Barrows

Notary Public

My commission expires: 05/29/2011