

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hang T. Pham</td><td>08/27/2002</td></tr><tr><td>Rajiv R. Singh</td><td>08/27/2002</td></tr><tr><td>Hsueh S. Tung</td><td>08/28/2002</td></tr></tbody></table>		Name	Execution Date	Hang T. Pham	08/27/2002	Rajiv R. Singh	08/27/2002	Hsueh S. Tung	08/28/2002
Name	Execution Date								
Hang T. Pham	08/27/2002								
Rajiv R. Singh	08/27/2002								
Hsueh S. Tung	08/28/2002								
RECEIVING PARTY DATA									
Name:	HONEYWELL INTERNATIONAL INC.								
Street Address:	101 Columbia Road								
City:	Morristown								
State/Country:	NEW JERSEY								
Postal Code:	07962-2245								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11842652</td></tr></tbody></table>		Property Type	Number	Application Number:	11842652				
Property Type	Number								
Application Number:	11842652								
CORRESPONDENCE DATA									
Fax Number:	(973)455-5904								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	973-455-5447								
Email:	Patentservices@honeywell.com								
Correspondent Name:	HONEYWELL INTERNATIONAL INC.								
Address Line 1:	101 Columbia Road								
Address Line 4:	Morristown, NEW JERSEY 07962								
ATTORNEY DOCKET NUMBER:	H0001636DIV2								
NAME OF SUBMITTER:	Joseph F. Posillico								
Total Attachments: 2 source=int2D6#page1.tif source=int2D6#page2.tif									

OP \$40.00 11842652

501157794

PATENT  
REEL: 024285 FRAME: 0730

# ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File

H0001636 USA (4515)

WHEREAS, Hang T. Pham, resident of Amherst, state of NY, citizen of USA  
Rajiv R. Singh, resident of Getzville, state of NY, citizen of USA  
Hsueh S. Tung resident of Getzville, state of NY, citizen of USA

(hereinafter "Assignor") have invented certain new and useful improvements in **AZEOTROPE-LIKE COMPOSITIONS OF 1,1,1,3,3-PENTAFLUOROBUTANE AND HYDROGEN FLUORIDE**

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, Serial No. 10/160,673 filed June 3, 2002, which application has been duly executed by Assignor of the day(s) and date(s) of these presents, including any United States provisional patent applications(s) identified as follows of which the subject application claims priority: Serial Number 60/295,049 filed June 1, 2001.

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

27<sup>th</sup>

day of

August, 2002

Hang T. Pham

STATE OF

New York

)

) ss.:

COUNTY OF

Erie

)

On this 27<sup>th</sup> day of August, 2002

before me personally appeared

to me known and known to me to be the individual

Hang Thanh Pham

Described in and who executed the foregoing instrument,

and

she

acknowledged to me that

She

Executed the same.

[SEAL]

BETTY J. BROADBENT  
Notary Public, State of New York  
Qualified in Erie County  
My Commission Expires August 31, 2002

Betty J. Broadbent

Notary Public

My commission expires: 8/31/2002

PATENT

REEL: 024285 FRAME: 0731

IN TESTIMONY WHEREOF, I have hereunto set my hand this

27<sup>th</sup>

day of

August

, 20 02

Rajiv R. Singh

STATE OF

New York

)

) ss.:

COUNTY OF

Erie

)

On this

27<sup>th</sup>

day of

August

, 20 02

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]

BETTY J. BROADBENT  
Notary Public, State of New York  
Qualified in Erie County

My Commission Expires August 31, 2002

My commission expires:

Betty J. Broadbent

Notary Public

8/31/2002

IN TESTIMONY WHEREOF, I have hereunto set my hand this

28<sup>th</sup>

day of

August

, 20 02

Hsueh S. Tung

STATE OF

LOUISIANA

)

) ss.:

PARISH  
COUNTY OF

ASCENSION

)

On this

28<sup>th</sup>

day of

August

, 20 02

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]

My commission expires:

Betty J. C. McClelland

Notary Public

with life

IN TESTIMONY WHEREOF, I have hereunto set my hand this

day of

, 20

STATE OF

)

) ss.:

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

Described in and who executed the foregoing instrument,

Executed the same.

[SEAL]

My commission expires:

Notary Public

PATENT

RECORDED: 04/26/2010

REEL: 024285 FRAME: 0732