

08-13-2003



102523495

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying parties:  
HSUEH SUNG TUNG, ROBERT C. JOHNSON, AND DANIEL

7-25-03

C. MERKEL

Additional name(s) & party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

Name: HONEYWELL INTERNATIONAL INC

Internal Address: PATENT DEPARTMENT

Street Address: 101 COLUMBIA ROAD

City: MORRISTOWN State: NJ Zip: 07960

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: July 24, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: July 24, 2003

A. Patent Application No.(s) 10626997

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Colleen D. Szuch, Esq.

Internal Address: PATENT DEPARTMENT  
HONEYWELL INTERNATIONAL INC.

Street Address: 101 COLUMBIA ROAD

City: MORRISTOWN State: NJ Zip: 07960

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) .....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

01-1125

(Attach duplicate copy of this page if paying by deposit account)

08/12/2003 8TOM11 00000132 011125 10626997

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Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard S. Roberts

Name of Person Signing

Signature

July 25, 2003

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner for Patents, Mail Stop: Assignments

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT

REEL: 014365 FRAME: 0957

06306 U.S. PTO  
10/626997  
07/25/03

ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell H0005304  
File \_\_\_\_\_

WHEREAS, HSUEH SUNG TUNG, ROBERT C. JOHNSON, ANDA DANIEL C. MERKEL  
(hereinafter "Assignor") have invented certain new and useful improvements in

PROCESS FOR THE MANUFACTURE OF 1,3,3,3-TETRAFLUOROPROPENE

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF  
THE UNITED STATES, 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 24th day of July, 20 03  
HSUEH SUNG TUNG  
HSUEH SUNG TUNG

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of July, 20 03  
ROBERT C. JOHNSON  
ROBERT C. JOHNSON

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of July, 20 03  
DANIEL C. MERKEL  
DANIEL C. MERKEL

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

On this 24<sup>th</sup> day of July, 20 03 before me personally appeared  
HSUEH SUNG TUNG

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] **MARY J BOHN**  
**NOTARY PUBLIC, STATE OF NEW YORK**  
**NO 01806085517**  
**CERTIFIED IN ERIE COUNTY**  
**MY COMMISSION EXPIRES 12/30/2006**

Mary J Bohn  
Notary Public

My commission expires: 2006

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

On this 24<sup>th</sup> day of July, 20 03 before me personally appeared  
ROBERT C. JOHNSON

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.

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**Assignment**

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HSUEH SUNG TUNG, ROBERT C.  
JOHNSON, AND DANIEL C. MERKEL

**TO**  
**HONEYWELL INTERNATIONAL INC.**

**INVENTION:**  
PROCESS FOR THE MANUFACTURE  
OF 1,3,3,3-TETRAFLUOROPROPENE

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**HONEYWELL File: H0005304**

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Honeywell International Inc.