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COVER SHEET
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Comm 100752058 and the attached original documents or copy thereof.

1. Name of conveying parties:
Charles Francis Swain, Rajiv Ratna Singh and Hang Thanh Pham

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

2. Name and address of receiving party(ies):
Name: AlliedSignal Inc.
Internal Address: Law Department
P.O. Box 2245
Street Address:
101 Columbia Road
City: Morristown State: NJ Zip: 07962

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: May 21, 1998

4. Application number(s) or patent number(s): P.D. File No. 30-4498 (4510)
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/052,757

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
Internal Address: AlliedSignal Inc.
Law Department
P.O. Box 2245
Street Address:
101 Columbia Road
City: Morristown State: NJ Zip: 07962

6. Total number of applications and patents involved:
ONE (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)

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9. 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.

Colleen Szuch [Signature] June 1, 1998
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document 5

**Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments**

(06/29/1998 TTON11 00000034 011125 09052757)
01 FC:581 40.00 CH

Washington, D.C. 20231

PATENT
REEL: 9268 FRAME: 0956

ASSIGNMENT

Assignment before issue of Letters Patent

Allied File 30-4498(4510)

WHEREAS, Charles Francis Swain, resident of Erie County, citizen of the USA
Rajiv Ratna Singh, resident of Erie County, citizen of India
Hang Thanh Pham, resident of Erie County, citizen of USA

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

PURIFICATION OF HYDROFLUOROCARBONS

(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 March 31, 1998 and which can be identified by U. S. Patent Application No. 09/052,757, filed March 31, 1998.

AND WHEREAS, AlliedSignal 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 21 day of MAY, 1998
Charles F. Swain
Charles Francis Swain

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of MAY, 1998
Rajiv Ratna Singh
Rajiv Ratna Singh

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of MAY, 1998
Hang Thanh Pham
Hang Thanh Pham

STATE OF N.Y.)
COUNTY OF Eric) ss.:

On this 21st day of May, 19 98 before me personally appeared
Charles F. Swack

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] **PATRICIA A. MARTIN**
Notary Public, State of New York
Qualified in Eric County
My Commission Expires January 21, 2000 Patricia A Martin Notary Public
My commission expires: 1/21/2000

STATE OF N.Y.)
COUNTY OF Eric) ss.:

On this 21st day of May, 19 98 before me personally appeared
Rajoo Kumar 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] **PATRICIA A. MARTIN**
Notary Public, State of New York
Qualified in Eric County
My Commission Expires January 21, 2000 Patricia A Martin Notary Public
My commission expires: 1/21/2000

STATE OF N.Y.)
COUNTY OF Eric) ss.:

On this 21st day of May, 19 98 before me personally appeared
Hang Thanh Pham

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] **PATRICIA A. MARTIN**
Notary Public, State of New York
Qualified in Eric County
My Commission Expires January 21, 2000 Patricia A Martin Notary Public
My commission expires: 1-21-2000