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05-11-1998



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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

4/30/98

To the Honorable Commissioner of

100705920

Shed original documents or copy thereof.

1. Name of conveying parties:

Raymond Hilton Percival Thomas, Rajiv Ratna Singh,  
Jeffrey Warren McKown, Roy Phillip Robinson and  
Stephen Alan Cottrell

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

Name: AlliedSignal Inc.

APR 30 1998

Internal Address: Law Department

P.O. Box 2245

Additional name(s) & party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Street Address:

101 Columbia Road

City: Morristown State: NJ Zip: 07962

Execution Date: March 19, 1998 and March  
23, 1998

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s): P.D. File No. 30-4383 (4510)

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

A. Patent Application No.(s)  
08/967,632

B. Patent No.(s)

05/08/1998 DCOATES 00000101 011125 08967632

01 FC:58 40.00 CH

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)

DO NOT USE THIS SPACE

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

Name of Person Signing

[Signature]

Signature

April 27, 1998

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

Washington, D.C. 20231

REEL: 9147 FRAME: 0157

## ASSIGNMENT

Assignment before issue of Letters Patent

Allied File 30-4383(4510)

WHEREAS, Raymond Hilton Percival Thomas, resident of Erie County, citizen of the USA;  
Rajiv Ratna Singh, resident of Erie County, citizen of India;  
Jeffrey Warren McKown, resident of Erie County, citizen of the USA;  
Roy Phillip Robinson, resident of Erie County, citizen of the USA;  
Stephen Alan Cottrell, resident of Baton Rouge, Louisiana, citizen of the USA

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

PROCESS FOR SEPARATING WATER FROM CHEMICAL MIXTURES

(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 November 10, 1997

and which can be identified by U.S. Patent Application No. 08/967,632, filed November 10, 1997.

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 23 day of March, 19 98

Roy P. Robinson  
Roy Phillip Robinson

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of MARCH, 19 98

Stephen Alan Cottrell  
Stephen Alan Cottrell

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

STATE OF New York )  
 ) ss.:  
COUNTY OF Erie )

On this 23rd day of March, 19 98 before me personally appeared

Roy Phillip Robinson

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] BETTY J. BROADBENT  
Notary Public, State of New York  
Qualified in Erie County  
My Commission Expires August 31, 1998

Betty J. Broadbent  
Notary Public  
My commission expires: 8/31/98

STATE OF Louisiana )  
 ) ss.:  
COUNTY OF East Baton Rouge Parish )

On this 19th day of March, 19 98 before me personally appeared

Stephen Alan Cottrell

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]

Michelle L. Lickland  
Notary Public  
My commission expires: Life

STATE OF \_\_\_\_\_ )  
 ) ss.:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_ before me personally appeared

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  
My commission expires: \_\_\_\_\_

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and which can be identified by U. S. Patent Application No. 08/967,632, filed November 10, 1997.

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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 23 day of March, 19 98  
Raymond Hilton Percival Thomas  
Raymond Hilton Percival Thomas

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of March, 19 98  
Rajiv Ratna Singh  
Rajiv Ratna Singh

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of March, 19 98  
Jeffrey Warren McKown  
Jeffrey Warren McKown

STATE OF New York )  
COUNTY OF Erie ) SS.:

On this 23rd day of March, 19 98 before me personally appeared

Raymond Hilton Percival Thomas

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] BETTY J. BROADBENT  
Notary Public, State of New York  
Qualified in Erie County  
My Commission Expires August 31, 1998

Betty J. Broadbent  
Notary Public  
My commission expires: 8/31/98

STATE OF New York )  
COUNTY OF Erie ) SS.:

On this 23rd day of March, 19 98 before me personally appeared

Rajin Ratna 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] BETTY J. BROADBENT  
Notary Public, State of New York  
Qualified in Erie County  
My Commission Expires August 31, 1998

Betty J. Broadbent  
Notary Public  
My commission expires: 8/31/98

STATE OF Louisiana )  
COUNTY OF East Baton Rouge Parish ) SS.:

On this 19th day of March, 19 98 before me personally appeared

Jeffrey Warren McKown

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]

Jackie Broadbent  
Notary Public  
My commission expires: life