

11-23-1998



100908496

FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011

RECORDED

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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

1. Name of conveying parties: Jeffrey X. Zhou; Thomas G. Roden III; Louis P. Bolduc; Dar-Tzen Peng; James W. Ernst; Mohamed Younis

MRD 11-19-98

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

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

Name: AlliedSignal Inc.

Internal Address: 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: 10/19/98; 10/19/98; 10/19/98; 10/13/98; 10/19/98; 10/19/98

4. Application number(s) or patent number(s): 450-98-001

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

A. Patent Application No.(s)

09/140,174

60/087,733

B. Patent No.(s)

40E

Additional numbers attached? Yes No

11/17/1998 RESELLMAN 00000017 011113 09140174 02 FC:581

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

Name: Verne E. Kreger, Jr.

Internal Address: AlliedSignal Inc.

Law Department M/S 2/B2

Street Address: 699 Route 46 East

City: Teterboro State: NJ Zip: 07608

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: 01-1113

(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.

Verne E. Kreger, Jr.

Name of Person Signing

Signature

Signature

11/9/98

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 & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 9591 FRAME: 0805

ASSIGNMENT

Assignment before issue of Letters Patent

Attorney 450-98-001
Docket No. _____

WHEREAS, Jeffrey X. Zhou; Thomas G. Roden III; Louis P. Bolduc; Dar-Tzen Peng; James W. Ernst; Mohamed Younis;

(hereinafter "Assignor") have invented certain new and useful improvements in Method and Apparatus for Managing Redundant Computer-Based Systems for Fault Tolerant Computing (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 including any United States provisional application(s) identified as follows, of which the subject application claims priority:
Serial Number: 60/087,733, filed 6/2/98

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 19th day of October, 19 98
Jeffrey X. Zhou
Jeffrey X. Zhou

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of October, 19 98
Thomas G. Roden III
Thomas G. Roden, III

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of October, 19 98
Louis P. Bolduc
Louis P. Bolduc

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of October, 19 98
Dar-Tzen Peng
Dar-Tzen Peng

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of October, 19 98
James W. Ernst
James W. Ernst

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of October, 19 98
Mohamed Younis

STATE OF New Jersey Maryland)
) ss.:
COUNTY OF Carroll)

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

Jeffrey X. Zhou

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 C. Baker

My commission expires: THIS COMMISSION EXPIRES 1/9/99 Notary Public

STATE OF New Jersey Maryland)
) ss.:
COUNTY OF Carroll)

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

Thomas G. Roden, III

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 C. Baker

My commission expires: THIS COMMISSION EXPIRES 1/9/99 Notary Public

STATE OF Maryland)
) ss.:
COUNTY OF Carroll)

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

Louis P. Bolduc

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 C. Baker

My commission expires: THIS COMMISSION EXPIRES 1/9/99 Notary Public

STATE OF Maryland)
) ss.:
COUNTY OF Anne Arundel)

On this 13th day of October, 19 98 before me personally appeared

Dar-Tzen Peng

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] _____ Carol Ann Davis

My commission expires: May 1, 2000 Notary Public

STATE OF Maryland)
COUNTY OF Carroll) ss.:

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

James W. Ernst

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 D. Baker

Notary Public

My commission expires:

THIS COMMISSION EXPIRES 1/9/99

STATE OF Maryland)
COUNTY OF Carroll) ss.:

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

Mohamed Younis

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.

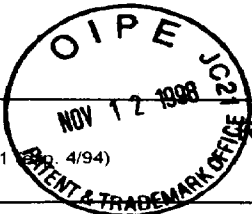
[SEAL]

Mary D. Baker

Notary Public

My commission expires:

THIS COMMISSION EXPIRES 1/9/99



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RECORDATION FORM COVER SHEET PATENTS ONLY

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Name of Person Signing

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Washington, D.C. 20231

RECORDED: 11/12/1998

PATENT
REEL: 9591 FRAME: 0810