

**RECORDATION FOI
PATENT**

04-01-1999

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Patent and Trademark Office



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To the Honorable Commissioner of Patents and Trademarks:

or copy thereof.

1. Name of conveying parties: 1999 MAR 23 PM 3: 24
Thanh Ho and Robert J. Herbst
Additional name(s) & party(ies) attached? Yes No

Name and address of receiving party(ies):
Name: AlliedSignal Truck Brake Systems Co.
Internal Address: _____
Paul Marshall

Law Department

Street Address: _____
901 Cleveland Street

City: Elyria State: OH Zip: 44035
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: September 22, 1998

4. Application number(s) or patent number(s):
Attorney Docket No. 591-97-013
Titled: "EBS Modulator with Direct Exhaust Capability"
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No. (s)
09/164,470
Additional numbers attached? Yes No

B. Patent No. (s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Paul Marshall
Internal Address: _____
Law Department
AlliedSignal Truck Brake Systems Company
Street Address: _____
901 Cleveland Street
City: Elyria State: OH Zip: 44035

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

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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.
Paul Marshall _____ _____ 3/19/99
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: 3

**Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231**

ASSIGNMENT

Assignment before issue of Letters Patent

Allied File 591-97-013

WHEREAS, Thanh Ho and Robert J. Herbst (hereinafter "Assignor") have invented certain new and useful improvements in "EBS Modulator with Direct Exhaust Capability" (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, AlliedSignal Truck Brake Systems Co., a Delaware Partnership organized and existing under the laws of the State of Ohio, U.S.A., having a place of business at 901 Cleveland St., Lorain County, Elyria, Ohio, 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 22 day of 9, 19 98
Thanh Ho

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of 9, 19 98
Robert J. Herbst

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

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

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

STATE OF OHIO)
) ss.:
COUNTY OF LORAIN)
On this 22nd day of Sept., 19 98 before me personally appeared
Thank Ho

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] **CARLITA R. FERNANDEZ** Notary Public - State of Ohio 1/24/01 My Commission Expires _____
Carlita R. Fernandez Notary Public
My commission expires: _____

STATE OF OHIO)
) ss.:
COUNTY OF LORAIN)
On this 22nd day of Sept., 19 98 before me personally appeared
Robert J. Herbst

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] **CARLITA R. FERNANDEZ** Notary Public - State of Ohio 1/24/01 My Commission Expires _____
Carlita R. Fernandez Notary Public
My commission expires: _____

STATE OF _____)
) ss.:
COUNTY OF _____)
On this _____ day of _____, 19 98 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: _____