

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
The Dee Howard Company	08/02/1999

RECEIVING PARTY DATA

Name:	The NORDAM Group, L.P.
Street Address:	510 South Lansing
City:	Tulsa
State/Country:	OKLAHOMA
Postal Code:	74120

PROPERTY NUMBERS Total: 14

Property Type	Number
Patent Number:	5310117
Patent Number:	5192023
Patent Number:	5097661
Patent Number:	4966327
Patent Number:	4930308
Patent Number:	4860956
Patent Number:	4581890
Patent Number:	4424669
Patent Number:	4422605
Patent Number:	4362015
Application Number:	08544445
Patent Number:	4212442
Patent Number:	4182501
Patent Number:	4129269

CORRESPONDENCE DATA

PATENT

500043644

REEL: 016360 FRAME: 0156

OP \$560.00 5310117

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NAME OF SUBMITTER:

Stephen A. Zemanick

**Total Attachments: 5**

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## ASSIGNMENT

WHEREAS, The Dee Howard Company, a corporation organized under the laws of the State of Texas, with its principal place of business in San Antonio, Bexar County, State of Texas, (hereinafter called ASSIGNOR) is the owner of certain inventions, applications for Letters Patent of the United States, and Letters Patent of the United States, as follows:

1. United States Patent No. 5,310,117, filed on February 5, 1993 with a date of patent May 10, 1994 entitled "Jet Engine Provided With A Thrust Reverser";
2. United States Patent No. 5,192,023, filed August 24, 1990 with the date of patent March 9, 1993 entitled "Jet Engine Provided With A Thrust Reverser";
3. United States Patent No. 5,097,661, filed March 31, 1989 with the date of patent March 24, 1992 entitled "Jet Engine having a Planar Exit Opening";
4. United States Patent No. 4,966,327, filed on October 27, 1988 with the date of patent October 30, 1990 entitled "Jet Engine Provided With A Thrust Reverser";
5. United States Patent No. 4,930,308 filed on April 18, 1989 with the date of patent June 5, 1990 entitled "Double Flow Turboshaft Engine With Variable Confluent Nozzle";
6. United States Patent No. 4,860,956, filed August 13, 1987 with the date of patent August 29, 1989 entitled "Thrust Reverser For Aircraft Jet Engine And Aircraft Engine Equipped With Said Thrust Reverser";
7. United States Patent No. 4,424,669, filed on April 18, 1985 with the date of patent April 15, 1986 entitled "Double-Flow Turbine Engine Equipped With A Central Mixing Nozzle And A Thrust Reverser";

8. United States Patent No. 4,424,669, filed on January 18, 1982 with the date of patent January 10, 1984 entitled "Safety Device For Thrust Reverser Associated With The Jet Engine Of An Aircraft";
9. United States Patent No. 4,222,605 filed on September 10, 1981 with the date of patent December 27, 1983 entitled "Reverser For Jet Engine".
10. United States Patent No. 4,362,015, filed on April 28, 1980 with the date of patent December 8, 1982 entitled "Double Jet Gas Turbine Equipped With A Thrust Reverser";
11. United States Patent No. 4,212,442, filed on February 24, 1978 with the date of patent July 15, 1980 entitled "Thrust Reverser";
12. United States Patent No. 4,182,501, filed on February 24, 1978 with the date of patent January 8, 1980 entitled "Thrust Reverser For Jet Engine Forming Active Extension Of Jet Tube";
13. United States Patent No. 4,129,369, filed on April 4, 1977 with the date of patent December 12, 1978 entitled "Single-Skin Thrust Reverser For Aircraft Jet Engines";
14. United States Patent Application No. 08/544,445, filed November 17, 1995, entitled "Thrust Reverser With Pivoting Doors Which Can Move in Translation";

WHEREAS, ASSIGNOR, is now the exclusive owner of said inventions, applications and Letters Patent, the inventions described and claimed therein, and all rights in, to and under the same; and

WHEREAS, The NORDAM Group, L.P., a limited partnership created and existing under the laws of the State of Texas, doing business in Fort Worth, Tarrant County, Texas (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in, and to the improvements in, the aforementioned inventions,

applications, and in, to and under any and all Letters Patent of the United States and in any and all foreign countries thereof;

NOW THEREFORE, this indenture witnesseth that for and in consideration of the sum of One (\$1.00) Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said ASSIGNEE the entire right, title, and interest in said inventions, applications, and Letters Patent, and in any and all divisions, continuations, and improvements thereof, and any and all Letters Patent of the United States, its territorial possessions and foreign countries, and in any and all reissues of said Letters Patent, including the subject matter of any and all claims which may be obtained in every such patent, the same to be held and enjoyed by the said ASSIGNEE for its own exclusive use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States, territories and foreign countries are or may be granted or reissues, 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 hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States that may result from any pending applications and to transfer all Letters Patent of the United States on said inventions, and from any and all divisions and continuations thereof to the said ASSIGNEE, of the entire

interest, and hereby covenants that it has full right to convey the entire interest therein assigned, and that it has not executed and will not execute any agreement in conflict therewith.

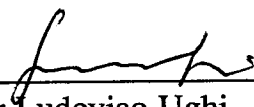
AND, ASSIGNOR further hereby covenants and agrees that it will, at any time, upon request, at the expense of said ASSIGNEE, use reasonable efforts to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said inventions, applications, and to said Letters Patent as may be granted thereof, in said ASSIGNEE, its successors, assigns, or other legal representatives, and that if said ASSIGNEE, its successors, assigns, or other legal representatives shall desire to file any divisional or continuation application, or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, it will, upon request, sign all papers, make all rightful oaths, and do all acts requisite for the filing of such divisional or continuing application, or such application for reissue and procuring thereof, and for the filing of such disclaimers, without further compensation, but at the expense of said ASSIGNEE, its successors or other legal representatives as it is reasonably capable of doing.

AND, ASSIGNOR does further covenant and agree, that it will, at any time, upon request, communicate to said ASSIGNEE, its successors, assigns, or other legal representatives, at Assignor's expense, any facts relating to said inventions, applications and Letters Patent or the history thereof, as may be known to it, and testify as to the same

in any interference or other litigation, when requested to do so, as it is reasonably capable of doing or providing.

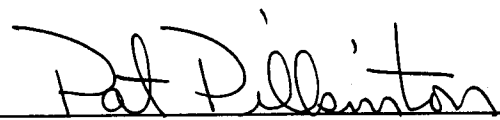
IN WITNESS WHEREOF, I have hereunto set my hand this 2<sup>nd</sup> day of August, 1999.

THE DEE HOWARD COMPANY

By:   
Pier Ludovico Ughi  
President and Chief Executive Officer

STATE OF TEXAS       )  
                                  ) ss:  
COUNTY OF BEXAR    )

On this 2<sup>nd</sup> day of August, 1999, before me personally appeared PIER LUDOVICO UGHI, to me known to be the person described hereinabove who executed the foregoing Assignment on behalf of The Dee Howard Company and who acknowledged to me that he executed the same as the free and voluntary act of said corporation for the reasons and purposes therein set forth.

  
Notary Public

My Commission Expires:

2-20-2000

