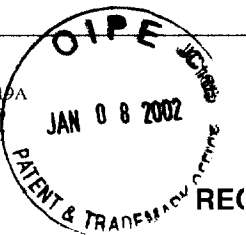


FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



01-16-2002



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PATENT

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
Document ID #
☐ Correction of PTO Error
Reel # Frame #
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1-8-02

Conveyance Type

- ☒ Assignment
☐ License
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other

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- ☐ Departmental File ☐ Secret File

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- ☒ Mark if additional names of conveying parties attached

Name (line 1) Julie F. Asfia

Execution Date
Month Day Year
10 09 2001

Name (line 2)

Second Party

Name (line 1) Kenneth R. Williams

Execution Date
Month Day Year
10 09 2001

Name (line 2)

Receiving Party

- ☐ Mark if additional names of receiving parties attached

Name (line 1) The Boeing Company

Name (line 2)

Address (line 1) 100 North Riverside Plaza

Address (line 2)

Address (line 3) Chicago

Illinois

60606-1596

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

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Address (line 2)

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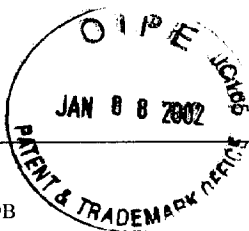
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Page 2

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Correspondent Name and Address

Area Code and Telephone Number

248-641-1600

Name Mark D. Elchuk

Address (line 1) Harness, Dickey & Pierce, P.L.C.

Address (line 2) P.O. Box 828

Address (line 3) Bloomfield Hills, MI 48303

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments

2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/952,820

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT

PCT

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PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

08-0750

Authorization to charge additional fees:

Yes ☒

No ☐

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. Charges to deposit account are authorized, as indicated herein.

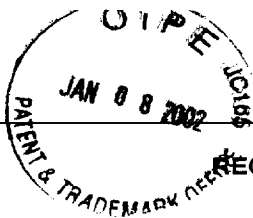
Mark D. Elchuk, Reg. No. 33,686
Jeffrey L. Snyder, Reg. No. 43,141

Name of Person Signing

Signature

Date

OCTOBER 24, 2001



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Execution Date
Month Day Year

Name (line 2)

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Execution Date
Month Day Year

Name (line 2)

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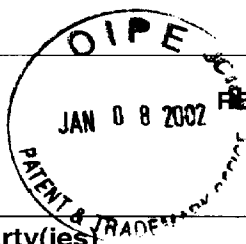
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Name (line 2)

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Execution Date
Month Day Year

Name (line 2)

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Execution Date
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Patent Number(s)

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ASSIGNMENT

Atty. Docket No. 7784-000247

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

ELECTRIC AIR CONDITIONING SYSTEM FOR AN AIRCRAFT

for which Assignor is about to make or has made United States or International application for patent

- (a) ☐ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on; or
- (c) ☒ filed on September 14, 2001 and assigned Serial No. 09/952,820, and

WHEREAS, The Boeing Company, a corporation of the State of Delaware, having its principal place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-1596, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made;

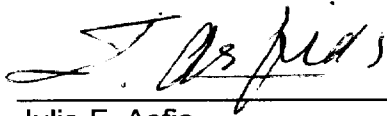
Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letter patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;

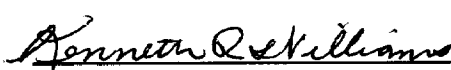
Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

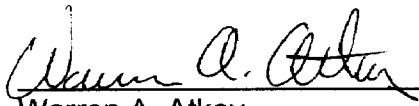
Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

ASSIGNMENT

Atty Docket No. 7784-000247

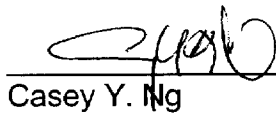

Julie F. Asfia 10/9/2001
Date


Kenneth R. Williams 10/09/01
Date


Warren A. Atkey 10/11/01
Date


Charles J. Fiterman 10/11/01
Date


Steven M. Loukusa 10/12/01
Date


Casey Y. Ng 10/11/01
Date