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08-04-2005



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Attorney Docket No. 7784-839

ET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of

Attached original documents or copy thereof.

1. Name of conveying party(ies):

David L. Allen July 18, 2005
David E. Savage July 19, 2005
Kent Loving July 25, 2005
Bruce Pollock July 25, 2005
John M. Cloutier July 19, 2005
Denise m. Smith July 19, 2005

2. Name and address of receiving party(ies)

Name: The Boeing Company

Internal Address: _____

Street Address: 100 North Riverside PlazaCity: Chicago State: IL Zip: 60606-1596Additional Name(s) & address(es) attached? ☐ Yes ☐ NoAdditional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date(s): July 18-25, 2005

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: July 18, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Mark D. ElchukInternal Address: Harness, Dickey & Pierce, P.L.C.Street Address: P.O. Box 828City: Bloomfield Hills State: MI Zip: 483036. Total number of applications and/or patents involved: 7. Total fee (37 CFR 3.41) \$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

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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.

Scott T. Gray, 48.891

Name of Person Signing

Signature

July 28, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

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7:8021

40.00 EP

EV 726254372 US

PATENT
REEL: 016826 FRAME: 0484

ASSIGNMENT

Atty. Docket No. 7784-000839/US

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

SECURITY CERTIFICATE MANAGEMENT

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 , and assigned Serial No. or PCT International Application No. , 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.

Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. , filed) the filing date and application number of said application when known.

EV 726254372 US

ASSIGNMENT

Atty. Docket No. 7784-000839/US

David L. Allen 18 Jul 2001
David L. Allen Date

David E. Savage Date

Kent Loving Date

Bruce Pollock Date


John M. Cloutier Date

Denise M. Smith Date

ASSIGNMENT

Atty. Docket No. 7784-000839/US


David L. Allen Date

 7/19/05

David E. Savage Date

Kent Loving Date

Bruce Pollock Date

 7/19/2005

John M. Cloutier Date

 7/19/2005

Denise M. Smith Date

ASSIGNMENT

Atty. Docket No. 7784-000839/US

David L. Allen Date

David E. Savage Date

Kent Loving *25 July 2005*

Kent Loving Date

Bruce Pollock *24 July 2005*

Bruce Pollock Date

John M. Cloutier Date

Denise M. Smith Date