

10-17-2002



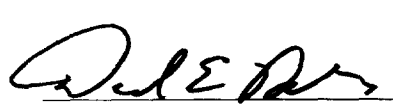
Express Mail Label No. ET374666307US

102252294

Keep within borders

BOX ASSIGNMENTS

10-9-02

ONLY PATENTS & PAT. APPLNS.		PAT. APPLNS. & PATENTS ONLY		
To the Director of the United States Patent and Trademark Office, Wash., D.C. 20231				
SIR: Please record the attached original document or copy thereof on which the particulars are:				
1. Name of conveying party(ies) (assignor(s)): William F. Shay and Craig Smith Additional name(s) of conveying party(ies) attached? []yes [X]no		FINANCE SECTION 172 OCT -9 AM 10:05 OFFICE OF THE INTEL RECORDS		
2. Name and Address of Party(ies) receiving an interest (assignee(s)): Address: <u>Northrop Grumman Corporation</u> <u>4101 Washington Ave., Newport News, Virginia 23607</u> Country: <u>USA</u> Additional name(s) & address(es) attached? []yes [X]no				
3. Nature of Conveyance: [] Assignment Execution Date(s): _____ [] Merger [] Change of Name [] Verified Translation [] Security Agreement [X] Other: CORRECTION: the execution dates should read 6/28/02 and 6/26/02, respectively; see attached with correction marked in red ink				
4. Execution date(s) on the Declaration if filed herewith: N/A				
4.5 Application number(s) or patent number(s). Others on additional sheet(s) attached? []yes []no				
A. Patent Application No(s). (series code/serial number) <u>10/201,085</u>		B. Patent No(s).		
5. Name and address of party to whom correspondence concerning document should be mailed: HUNTON & WILLIAMS Intellectual Property Department 1900 K Street, N.W., Suite 1200 Washington, DC 20006-1109 Phone (202) 955-1926, Fax (202) 778-2201		6. Number involved: Appls. <u>1</u> + Pats: <u>-</u> = Total <u>1</u> 7. Please charge the official fee of \$40.00 to Deposit Account No. 08-3436. 8. If above fee is missing or inadequate charge insufficiency to Deposit Account Number 08-3436 (duplicate sheet not required.)		
5.5 Atty. Dkt. 21323.000309				
DO NOT USE THIS SPACE				
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.				
 Signature Attorney: <u>David E. Baker, Esq.</u> Reg. No. <u>42,285</u> Tel: 804-788-7216 Fax: 804-344-7999		10. Total number of pages including this cover sheet (Do NOT file dup. cover sheet) <table border="1" style="float: right;"> <tr> <td style="width: 100px; height: 40px; text-align: center;">8</td> </tr> </table>		8
8				
		Date: <u>October 9, 2002</u>		

10/16/2002 TDIAZ1 00000311 083436 10201085
01 FC:8021 40.00 CH

PATENT
REEL: 013378 FRAME: 0132

08-02-2002



102177146

35901 U.S. PTO
10/201085
07/22/02

BOX ASSIGNMENTS

Keep within borders

EXPRESS MAIL LABEL NO. ET374665672US

ONLY PATENTS & PAT. APPLNS.	
To the Honorable Commissioner of Patents and Trademarks, Wash., D.C. 20231	
SIR: Please record the attached original document or copy thereof on which the particulars are:	
1. Name of conveying party(ies) (assignor(s)): William F. Shay and Craig Smith <i>7.22.02</i>	
Additional name(s) of conveying party(ies) attached? []yes [X]no	
2. Name and Address of Party(ies) receiving an interest (assignee(s)): Address: <u>Northrop Grumman Corporation</u> <u>4101 Washington Avenue, Newport, News, Virginia 23607</u> Country: <u>USA</u> Additional name(s) & address(es) attached? []yes [X]no <i>10/201085</i>	
3. Nature of Conveyance: [X] Assignment Execution Date: <u>6/26/02</u> [] Merger [] Change of Name [] Verified Translation [] Security Agreement [] Other _____	
4. Execution date(s) on the Declaration if filed herewith: <u>6/26/2002</u>	
4a. Application number(s) or patent number(s). Others on additional sheet(s) attached? []yes [X]no	
A. Patent Application No(s). First Inventor (series code/serial number) if not in Item 1	B. Patent No(s). First Inventor if not in Item 1
5. Name and address of party to whom correspondence concerning document should be mailed: Hunton & Williams Intellectual Property Department 1900 K Street, N.W., Suite 1200 Washington, D. C. 20006-1109 Phone 202-951500, Fax 202-778-2201	6. Number involved: Applns. <u>1</u> + Pats: _____ = Total <u>1</u> 7. A check in the amount listed below is attached: <u>Above Total x \$40 = \$40.00</u> 8. If above fee missing or inadequate charge insufficiency to Deposit Account number 50-0206 (duplicate sheet not required.)
5.5 Atty. Dkt. 21323.000309	
DO NOT USE THIS SPACE	
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. <i>David E. Baker</i> Signature	
10. Total number of pages including this cover sheet 4 (Do NOT file dup. cover sheet)	
Attorney: <u>David E. Baker</u> Reg. No. <u>Reg. No. 42,285</u>	Date: <u>July 22, 2002</u>

08/01/2002 TDIAZ1 00000139 500206 10201085
01 FC:581 40.00 CH

United States Patent Assignment

This United States Patent Assignment ("Assignment"), made by and between **William F. Shay**, a citizen of the United States of America, residing in Virginia Beach, Virginia, with a postal address of 3024 Ashlawn Terrace, Virginia Beach, Virginia 23452 and **Craig Smith**, a citizen of the United States of America, residing in Virginia Beach, Virginia with a postal address of 1700 Grey Friars Chase, Virginia Beach, Virginia 23456 (hereinafter referred to as "Assignors").

Whereas, Assignors are the owner of the United States Patent Application listed below:

"SYSTEM AND METHOD FOR LOADING STORES ON AN AIRCRAFT"

A copy of this utility patent application is being filed herewith.

Whereas, **Northrop Grumman Corporation**, a Delaware Corporation, having a place of business at 4101 Washington Avenue, Newport News, Virginia 23607 (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title and interest of the Assignors in and to the aforesaid Patent Applications.

Recitals.

Whereas, Assignors own the entire right, title and interest in and to the United States patent application ("Application") and the invention ("Invention") therein disclosed and claimed (collectively, the "Application and Invention"), and have the unrestricted right to sell, assign and transfer such Application and Invention; and

Whereas, Assignee is desirous of acquiring the entire right, title and interest in and to the Application and Invention.

Assignment.

Now, therefore, for one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents hereby sell, assign, transfer and convey unto Assignee, their successors and assigns Assignors entire right, title and interest in and to the Application and Invention and in and to any and all applications based thereon, all continuations, continuations-in-part, continuing prosecution applications, or divisions thereof, and in and to any and all letters patent of the United States of America and all countries foreign thereto and reissues and extensions thereof which may be granted therefor or thereon, for the full term for which said letters patent may be granted, together with the right to claim the priority of any patent application included therein, to be held and enjoyed by said Assignee, their successors and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignors if this assignment and sale had not been made.

Assignors also hereby sell, assign, transfer and convey unto Assignee, their successors and assigns the right to sue for any and all infringement of the Patents occurring prior to the date of this Assignment.

Assignors covenant and agree, on their own behalf and on behalf of their successors and assigns, without further compensation, to promptly at any time upon the request of the Assignee, their successors and assigns, provide such further information and execute such further assignments and documents and do all lawful acts with respect to the Application and Invention that may be necessary or desirable to perfect title thereto in the Assignee, their successors or assigns, and to obtain patents therefor, or in any interference proceedings or for any divisions, continuations or continuation-in-part patent applications relating thereto.

Assignors warrant and represent to Assignee that Assignors have full and unencumbered legal and equitable title to the Application and Invention and that no other person, firm, corporation or entity has been granted any rights by said Assignors in or to the Application and Invention.

Witness the following signature, made as of the date set forth.

Assignor:

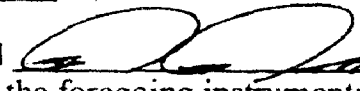


William F. Shay

Date: 4/28/02

STATE OF VA BEACH VA)

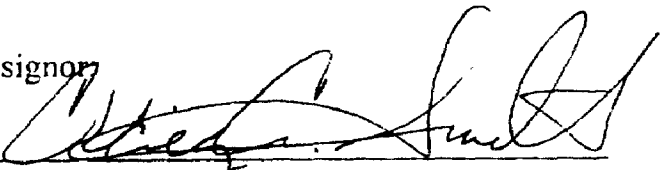
COUNTY OF _____) ss: 135 500781

Before me personally appeared , to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 28 day of JUNE, 2002.

Notary Public

SEAL


Assignor


Craig Smith

Date: 6/26/02

STATE OF VIRGINIA)

COUNTY OF VIRGINIA BEACH) ss: 224-70-9501

Before me personally appeared , to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 26 day of June, 2002.

Notary Public

SEAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re US Patent Application of:)	
)	
William F. Shay et al.)	
)	
Application No.: 10/201,085)	Group Art Unit: 3644
)	
Filing Date: July 22, 2002)	Examiner: Unassigned
)	
Title: SYSTEM AND METHOD FOR)	
LOADING STORES ON AN)	
AIRCRAFT)	

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. §1.10

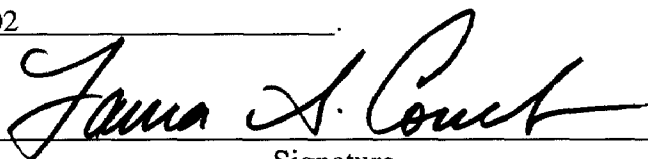
Director of the United States Patent
and Trademark Office
Washington, D. C. 20231

Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service
with sufficient postage as Express Mail in an envelope addressed to:

Box Assignment Division
Director of the United States Patent
and Trademark Office
Washington, DC 20231

on October 9, 2002
Date



Signature

Laura A. Couch

Typed or printed name of person signing Certificate

Documents being submitted with this Certificate of Express Mailing include:

- Recordation of Assignment Document Cover Sheet with correction noted and authorization to charge official fee of \$40.00 to Deposit Account No. 08-3436
- Copy of Notice of Recordation of Assignment document with correction marked in red ink
- Copy of Assignment Document
- Self Address Stamped Return Postcard

HUNTON & WILLIAMS
Riverfront Plaza, East Tower
951 East Byrd Street
Richmond, VA 23219
(804) 788-8200 (Telephone)
(804) 344-7999 (Facsimile)

SEPTEMBER 30, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

HUNTON & WILLIAMS
DAVID E. BAKER
INTELLECTUAL PROPERTY DEPARTMENT
1900 K STREET, N.W., SUITE 1200
WASHINGTON, D.C. 20006-1109



102177146A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/22/2002

REEL/FRAME: 013132/0842
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SHAY, WILLIAM F.

DOC DATE: ~~06/26/2002~~ 6/28/02

ASSIGNOR:
SMITH, CRAIG

DOC DATE: 06/26/2002

ASSIGNEE:
NORTHROP GRUMMAN CORPORATION
4101 WASHINGTON AVENUE
NEWPORT NEWS, VIRGINIA 23607

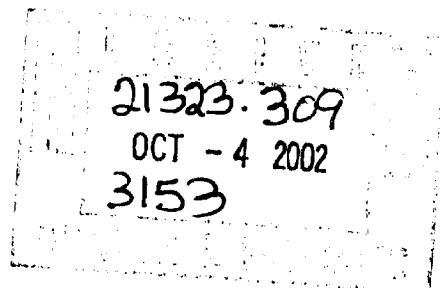
SERIAL NUMBER: 10201085
PATENT NUMBER:

FILING DATE: 07/22/2002
ISSUE DATE:

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

DOCKETED

10402
JH



PATENT

REEL: 013378 FRAME: 0139

