

10-01-2004

BOX ASSIGNMENTS

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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)):

Douglas Lee Taylor, David Albert Gooding and Sean Allen Coons

Additional name(s) of conveying party(ies) attached? []yes [X]no

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Address: Northrop Grumman Corporation1840 Century Park East, Los Angeles, California 900067Country: United States

Additional name(s) & address(es) attached? []yes [X]no

3. Nature of Conveyance:

[X] Assignment

Execution Date(s): 09/23/04

[] Merger

[] Change of Name

[] Verified Translation

[..] Note:

4. Execution date(s) on the Declaration if filed herewith: 09/21/04

4.5 Application number(s) or patent number(s). Others on additional sheet(s) attached? []yes [X]no

A. Patent Application No(s).
(series code/serial number)
unassigned

B. Patent No(s).

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

J. Michael Martinez de Andino, Esq.
HUNTON & WILLIAMS
Riverfront Plaza, East Tower
951 East Byrd Street
Richmond, VA 23219-4074
(804) 788-7216 telephone

6. Number involved:

Appls 1 + Pats: = Total 1

7. Fee of \$40.00 is included in the Enclosed Check.

8. If above fee is an inadequate charge, insufficiency to be charged to Deposit Account Number 08-3436 (duplicate sheet not required.)

5.5 Atty. Dkt. 21323.000341

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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.

Signature

Attorney: David E. BakerReg. No. 42,285

Tel: 804-788-8762 Fax: 804-343-4598

10. Total number of pages including this cover sheet
(Do NOT file dup. cover sheet)

5

Date: September 23, 2004

09/27/2004 FMETEKI1 00000008 10948061

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40.00 UP

PATENT
REEL: 015830 FRAME: 0687

Patent Assignment

This United States Patent Assignment ("Assignment"), made by and between **Douglas Lee Taylor**, a citizen of the United States with a resident address of 312 Riverside Drive, Yorktown, Virginia 23692; **David Albert Gooding**, a citizen of the United States with a resident address of 17 Jolama Drive, Newport New, Virginia 23602; and **Sean Allen Coons**, a citizen of the United States with a resident address of 1461 Bridge Point Trail, Suffolk, Virginia 23432 (collectively, the "Assignors").

Recitals:

Whereas, Assignors are the owners of the Patent Application listed below ("PATENT APPLICATION"):

**POD PROPULSION SYSTEM WITH RIM-MOUNTED BEARINGS
U.S. Utility Patent Application concurrently filed herewith**

Whereas, Assignors own the entire right, title and interest in and to the PATENT APPLICATION and the invention therein disclosed and claimed (collectively, the "PATENT APPLICATION AND INVENTION"), and have the unrestricted right to sell, assign and transfer such PATENT APPLICATION AND INVENTION; and

Whereas, **Northrop Grumman Corporation**, a Delaware Corporation, having a place of business at 1840 Century Park East, Los Angeles, California 900067 (the "Assignee"), desires to acquire the entire right, title and interest in and to the PATENT APPLICATION AND INVENTION.

Assignment.

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged as having previously been received, Assignors have sold and hereby sell, assign, transfer and convey unto Assignee, their successors and assigns the Assignors' entire right, title and interest in and to the PATENT 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 all letters patent of the United States of America and all countries foreign thereto and reissues and extensions thereof which may be granted from the PATENT APPLICATION AND INVENTION, for the full term for which the letters patent, together with the right to claim the priority of any patent application included therein, to be held and enjoyed by the 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 PATENT APPLICATION 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 PATENT APPLICATION AND INVENTION that may be

necessary or desirable to perfect title in the Assignee, their successors or assigns, and to assist in obtaining patents relating to the PATENT APPLICATION AND INVENTION, or in any interference proceedings or for any divisions, continuations or continuation-in-part patent applications relating to the PATENT APPLICATION AND INVENTION.

Assignors warrant and represent to Assignee that Assignors have full and unencumbered legal and equitable title to the PATENT APPLICATION AND INVENTION and have not granted any rights in the PATENT APPLICATION AND INVENTION to any other person, firm, corporation or entity.

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

Assignor:



Douglas Lee Taylor

Date: 23 Sept 04

STATE OF _____)

_____) ss:
COUNTY OF _____)

Before me personally appeared Douglas Lee Taylor, 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 ____ day of September, 2004.

Notary Public

SEAL

Assignor:

David Albert Gooding

Date: 9-23-04

STATE OF _____)

COUNTY OF _____) ss:

Before me personally appeared David Albert Gooding, 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 ____ day of September, 2004.

Notary Public

SEAL

Assignor:


Sean Allen Coons

Date: 9/23/04

STATE OF _____)

COUNTY OF _____) ss:

Before me personally appeared Sean Allen Coons, 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 ____ day of September, 2004.

Notary Public

SEAL