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01-26-2005

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Atty. Docket No.: 154365



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d original documents or copy thereof.

To the Honorable Commissioner of Patent:

1. Name of conveying party(ies): (1) David J. FITZGERALD (2) Eric S. JENSEN (3) Daniel P. LINDORF (4) Scott E. SAGE

2. Name and address of receiving party(ies): Name: Northrop Grumman Corporation Internal Address:

3. Nature of conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: January 12, 2005

Street Address: 1840 Century Park East City: Los Angeles State: CA ZIP: 90067 Additional name(s) & addresses(es) attached? [ ] Yes [X] No

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: January 12, 2005

A. Patent Application No.(s) Additional numbers attached? [ ] Yes [ ] No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sumeet Magoon ANDREWS KURTH LLP INTELLECTUAL PROPERTY DEPARTMENT 1701 Pennsylvania Avenue, N.W. Suite 300 Washington, DC 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00 [X] Enclosed - Any excess or insufficiency should be credited or debited to deposit account [X] Authorized to be charged to deposit account

8. Deposit account number: 50-2849 (Attach duplicate copy of this page if paying by deposit account)

01/25/2005 6TDM11 00000206 502849 11033753 01 FC:8021 40.00 BA

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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. Sumeet Magoon, Reg. No. 43,769 Name of Person Signing Signature Date January 13, 2005 Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to: Commissioner for Patents & Trademarks, Mail Stop: Assignments P.O. Box 1450, Alexandria, Virginia 22313-1450

**ASSIGNMENT**

WHEREAS We:

<u>NAME</u>	<u>RESIDENCE</u>
David J. FITZGERALD	1170 Dolan Drive, Monument, CO 80132
Eric S. JENSEN	7540 Amberly Drive, Colorado Springs, CO 80922
Daniel P. LINDORF	7342 Manistique Drive, Colorado Springs, CO 80922
Scott E. SAGE	1004 Northstar Drive, Colorado Springs, CO 80906

respectively, are the joint inventors of certain inventions or improvements for which we have made application for a Utility Patent of the United States, entitled **SYSTEM AND METHOD FOR PROVIDING A MISSION BASED MANAGEMENT SYSTEM**; and

WHEREAS, **Northrop Grumman Corporation** of 1840 Century Park East, Los Angeles, CA 90067, a corporation operating under the laws of the state of California, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries of the world;

NOW, THEREFORE, for good and valuable consideration, we have assigned, and do hereby assign, to **Northrop Grumman Corporation**, its successors, assigns and legal representatives ("Nominees") the entire right, title and interest, including the right of priority, in, to and/or under said inventions or improvements throughout the world, said Utility Patent Application, any and all applications for Letters Patent, petty patents and utility model patents of the United States and of countries foreign thereto based on or claiming the priority of said Utility Patent Application, any and all Letters Patent, petty patents and utility model patents which may be granted therefor, and all continuations, divisions, reissues, extensions and renewals thereof ("Letters Patent");

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith:

And we further covenant and agree that we will without undue delay execute all such papers as may be necessary to perfect the title to said inventions or improvements, applications and Letters Patents in **Northrop Grumman Corporation**, or its successors, assigns, nominees or legal representatives, and we agree to communicate to said **Northrop Grumman Corporation**, or its successors, assigns, nominees or legal representatives all known facts respecting said inventions or improvements, application and Letters Patent, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid **Northrop Grumman Corporation** or its successors, assigns, nominees or legal representatives to obtain and enforce for their own benefit patent protection for said inventions or improvements in any and all countries, all at the expense, however, of **Northrop Grumman Corporation**, or its successors, assigns, nominees or legal representatives;

And we authorize **Northrop Grumman Corporation** or its successors, assigns, nominees or legal representatives to file in our name or their own, as appropriate, applications for Letters Patents, petty patents and utility model patents in all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country of the world, to issue to said **Northrop Grumman Corporation**, or its successors, assigns, nominees or legal representatives, any and all Letters Patents, petty patents and utility model patents for said invention or improvements, for their sole use, to the full end of the term for which such Letters Patents, petty patents and utility model patents may be granted.

IN WITNESS WHEREOF I have hereunto set my hand and seal this 12 day of Jan, 2005.

David J. Fitzgerald (SEAL)  
David J. FITZGERALD

State of: )  
) ss:  
County of: )

On this 12 day of Jan, 2005, before me personally came the above named **David J. FITZGERALD** personally known to me or satisfactorily proven to be the same individual who executed the foregoing Assignment of his own free will for the use and purpose therein set forth.

Deborah Larson  
Notary Public

My Commission Expires:  
**Deborah Larson, Notary Public**  
**State of Colorado**  
**My Commission Expires 4/23/2005**

IN WITNESS WHEREOF I have hereunto set my hand and seal this 12 day of January, 2005.

Eric S. Jensen (SEAL)  
Eric S. JENSEN

State of: )  
) ss:  
County of: )

On this 12 day of January, 2005, before me personally came the above named **Eric S. JENSEN** personally known to me or satisfactorily proven to be the same individual who executed the foregoing Assignment of his own free will for the use and purpose therein set forth.

Deborah Larson  
Notary Public

My Commission Expires:  
**Deborah Larson, Notary Public**  
**State of Colorado**  
**My Commission Expires 4/23/2005**

IN WITNESS WHEREOF I have hereunto set my hand and seal this 12 day of January, 2005.

 (SEAL)  
Daniel P. LINDORF

State of: Colorado )  
) ss:  
County of: El Paso )


On this 12 day of January, 2005, before me personally came the above named **Daniel P. LINDORF** personally known to me or satisfactorily proven to be the same individual who executed the foregoing Assignment of his own free will for the use and purpose therein set forth.

  
Notary Public

My Commission Expires:

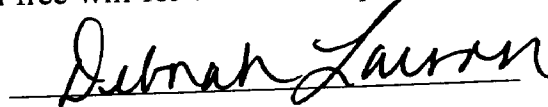
**Deborah Larson, Notary Public**  
**State of Colorado**  
**My Commission Expires 4/23/2005**

IN WITNESS WHEREOF I have hereunto set my hand and seal this 12<sup>TH</sup> day of JANUARY, 2005.

 (SEAL)  
Scott E. SAGE

State of: Colorado )  
) ss:  
County of: El Paso )

On this 12 day of January, 2005, before me personally came the above named **Scott E. SAGE** personally known to me or satisfactorily proven to be the same individual who executed the foregoing Assignment of his own free will for the use and purpose therein set forth.

  
Notary Public

My Commission Expires:

**Deborah Larson, Notary Public**  
**State of Colorado**  
**My Commission Expires 4/23/2005**