12-13-2001

|  | U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office   |  |  |  |
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| OMB No. 0651-0011 (exp. 4/94)  To the Honorable Commissioner of Patents and Trademarks   | 14861   |  |  |  |
| 1. Name of conveying parties: James M. Urnes, Sr. Mark B. Hood Additional name(s) & party(ies) attached?  Yes X No   | ned original documents or copy thereof.  2. Name and address of receiving party(ies): Name: _The Boeing Company Internal Address: |  |  |  |
| 3. Nature of conveyance:  X Assignment   | Street Address: 7755 East Marginal Way South  |  |  |  |
| Execution Date: October 30, 2001   | City: Seattle ST: WA Zip: 98108  Additional name(s) & address(es) Yes X No attached?  |  |  |  |
| Application number(s) or patent number(s):     Attor     If this document is being filed together with a new application the execution date of the application is:   |   |  |  |  |
| A. Patent Application No.(s)  Additional numbers attached?   | B. Patent No.(s)  10 002591  Yes XNo  |  |  |  |
| Name and address of party to whom correspondence concerning document should be mailed:     Name: Lawrence D. Graham, Esq.  | 6. Total number of applications and patents involved: 1   |  |  |  |
| Internal Address: Black Lowe & Graham PLLC   | 7. Total fee (37 CFR 3.41)\$ 40.00 check no. 5045  Authorized to be charged to deposit account                                    |  |  |  |
| Street Address: 816 2 <sup>nd</sup> Avenue   | 8. Deposit account number:  |  |  |  |
| City: Seattle State: WA Zip 98104  | (Attach two duplicate copies of this page if paying by deposit account)   |  |  |  |
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| 9. Statement and signature.  To the best of my knowledge and belief, the foregoing true copy of the original document.  Lawrence D. Graham, Reg. No. 40,001  Name of Person Signing  Total number of pages including cover signal. | g information is true and correct and any attached copy is a  October 31, 2001  Signature  Cheet, attachments, and document:  3   |  |  |  |
|  | til a mired cover sheet information to:   |  |  |  |

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments

Washington D.C. 20224

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**PATENT** REEL: 012353 FRAME: 0711

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Urnes et al. Attorney Docket No. BOEI-1-1020

Serial No.: — Group Art Unit: —

Filing Date: Examiner:

Title: METHOD AND SYSTEM FOR IN-FLIGHT FAULT MONITORING OF

FLIGHT CONTROL ACTUATORS

## **ASSIGNMENT**

WHEREAS, I, James M. Urnes, Sr., residing at 3561 Boston's Farm Drive, Bridgeton, MO 63044, am one of the inventors named in the above-identified United States patent application;

WHEREAS, I, Mark B. Hood, residing at 3261 Country Knoll Dr., St. Charles, MO 63303, am one of the inventors named in the above-identified United States patent application;

AND, WHEREAS, The Boeing Company, a Delaware corporation having a principal address at 7755 East Marginal Way South, Seattle, WA 98108 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in and to the patent application and related inventions;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, I hereby assign and transfer to ASSIGNEE the entire right, title, and interest in and to the patent application and related inventions, including all improvements, variations, derivations and inventive subject matter directly or indirectly related to the patent application and inventions, and all provisional or nonprovisional patent applications or issued patents that have been or may be granted thereon, including without limitation all reissues, divisions, continuations, continuations-in-part, and extensions of the patent applications or patents, or any other form of protection for the inventions related to the patent application, in the United States and foreign countries; all rights of action arising from the inventions and all applications and patents on the inventions; all claims for

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816 Second Avenue • Seattle, Washington 98104 206.381.3300 • Fax: 206.381.3301 • www.blacklaw.com damages by reason of past and future infringement of the inventions and all applications and patents on the inventions, and the right to sue and collect damages for such infringement; to be held and enjoyed by the ASSIGNEE for its own use and benefit and for its successors and assigns as the same would have been held by me had this assignment not been made.

I do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on the inventions, to maintain and enforce any and all patents on the inventions, and to confirm in ASSIGNEE legal title to the inventions and all applications and patents on the inventions in the United States and foreign countries, all without charge to ASSIGNEE but at no expense to me. In the event that ASSIGNEE is unable for any reason, after reasonable effort, to secure my signature on any document needed in connection with the actions specified in this paragraph, or to otherwise perfect in ASSIGNEE the entire right, title, and interest in and to the patent application and related inventions, I hereby irrevocably designate and appoint the ASSIGNEE and its duly authorized officers and agents as my agent and attorney-in-fact, to act for and in my behalf to execute, verify and file any such documents and to do all other lawfully permitted acts to further the purposes of this assignment with the same legal force and effect as if executed by me. I hereby waive and quitclaim to the ASSIGNEE any and all claims, of any nature whatsoever, which I now or may hereafter have for infringement of any proprietary rights assigned to the ASSIGNEE.

| EXECUTED at <u>S+ louis</u><br>October, 2001. | (city), <u>/</u> | James M. Urn    | (state), this <u>30</u> day of <u>M. Unr. Sr.</u> nes, Sr. |
|---|------------------|-----------------|--|
| EXECUTED at ST. Cours October, 2001.          | (city),          | MO  Mark B. Hoo | (state), this $\frac{30}{480}$ day of od                   |

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