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Form PTO-1595 (Rev. 03/01)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): David L. Allen Mary Ann T. Nakasone Edward J. Porisch Kent Loving and Bruce K. Pollock Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment	OMB No. 0651-0027 (exp. 5/31/2002)	,4563	
1. Name of conveying party(ies): David L. Allen Mary Ann T. Nakasone Edward J. Porisch Kent Loving and Bruce K. Pollock Additional name(s) of conveying partylies) attached? Yes No 3. Nature of conveying partylies) attached? Yes No 4. Assignment	Tab settings → → ▼		
Assignment		2. Name and address of receiving party(ies)	
Assignment	Mary Ann T. Nakasone Edward J. Porisch Kent Loving and Bruce K. Pollock	Internal Address:	
Security Agreement Change of Name Other	3. Nature of conveyance:		
City: Chicago State: IL Zip: 60606 Execution Date: December 15, 2005 Additional name(s) & address(es) attached? Ves 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: 12/15/05 A. Patent Application No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Michael Pate Internal Address: Black Lowe & Graham, PLLC Internal Address: Black Lowe & Graham, PLLC Street Address: 701 Fifth Avenue, Suite 4800 City: Seattle State: WA Zip: 98104 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		Street Address:	
City: Chicago State: IL Zip: 60606 Execution Date: December 15, 2005 Additional name(s) & address(es) attached? No.: BING-1-1205 If this document is being filed together with a new application, the execution date of the application is: 12/15/05 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? No. Security to whom correspondence concerning document should be mailed: Name: Michael Pate Internal Address: Black Lowe & Graham, PLLC Internal Address: Black Lowe & Graham, PLLC Street Address: 701 Fifth Avenue, Suite 4800 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	and ·		
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City:State:Zip: 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	Street Address: 701 Fifth Avenue, Suite 4800	8. Deposit account number:	
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Michael Pate Name of Person Signing Name of Person Signing Date	To the best of my knowledge and belief, the foregoing is a true copy of the original document. Michael Pate	December 15, 2005	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Allen, et al. Attorney Docket No. BING-1-1205

Serial No.: Pending

Group Art Unit:

Pending

Filing Date: Concurrently Herewith

Examiner:

Pending

Title:

MULTI-NETWORK AIRCRAFT COMMUNICATION SYSTEMS AND

METHODS

ASSIGNMENT

WHEREAS, I, David L. Allen, residing at 23320 94th Court South, Kent, Washington 98031, am one of the inventors named in the above-identified United States patent application;

WHEREAS, I, Mary Ann T. Nakasone, residing at 23331 39th Avenue SE, Bothell, Washington 98021, am one of the inventors named in the above-identified United States patent application;

WHEREAS, I, Edward J. Porisch, residing at 4433 120th Place SE, Everett, Washington 98208, am one of the inventors named in the above-identified United States patent application;

WHEREAS, I, Kent Loving, residing at 17324 9th Place NE, Snohomish, Washington 98290, am one of the inventors named in the above-identified United States patent application;

WHEREAS, I, Bruce K. Pollock, residing at 908 31st Avenue South, Scattle, Washington 98144, am one of the inventors named in the above-identified United States patent application;

AND, WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, U.S., having a place of business at 100 North Riverside, Chicago, IL 60606-1596, with a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, U.S. (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

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BLACK LOWE & GRAHAM ****

701 Fifth Avenue, Suite 4800 Seattle, Washington 98104 206.381.3300 + F: 206.381.3301

PATENT REEL: 017350 FRAME: 0336 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 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

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SSIGNEE.		
<u> </u>	(city), (state), this day David L. Allen	y of
<u>Sea Hle</u> , 2005.	(city),Washington (state), thisda Mary Ann T. Makasone	
See Hla , 2005.	(city), Waskington (state), this 15 day Edward J. Porisch	y of
<u>Senttle</u> , 2005.	(city), Washing ha (state), this 15 day Kent Loving	y of -
SEATTLE , 2005.	(city), WA (state), this 15 da	y of
	Seattle, 2005. Seattle, 2005. Seattle, 2005.	Seattle (city), Washington (state), this 15th da Seattle (city), Washington (state), this 15th da Mary Ann T. Makasone Seattle (city), Washington (state), this 15th da Reattle (city), Washington (state), this 15th da Edward J. Porisch Seattle (city), Washington (state), this 15th da Kent Loving Seattle (city), Washington (state), this 15th da Kent Loving Mary Ann T. Makasone (city), Washington (state), this 15th da Mary Ann T. Makasone (city), Washington (state), this 15th da Mary Ann T. Makasone (city), Washington (state), this 15th da Mary Ann T. Makasone Mary Ann T. Makasone (city), Washington (state), this 15th da Mary Ann T. Makasone Mary Ann T. Mary An

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