

09-11-2001



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PATENT

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Document ID #   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
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**Conveyance Type**

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☐ License  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other

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Name (line 1) PURPURA, William J.

Execution Date  
Month Day Year  
08 30 2001

Name (line 2)

**Second Party**

Name (line 1) O'BRIEN, Kevin M.

Execution Date  
Month Day Year  
8 30 2001

Name (line 2)

09/943839

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) The Boeing Company

Name (line 2)

Address (line 1) 15460 Laguna Canyon Road

Address (line 2)

Address (line 3) Irvine

CA

92618

City

State/Country

Zip Code

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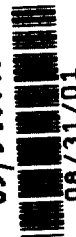
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**PATENT**  
**REEL: 012142 FRAME: 0130**

JC821 U.S. PTO

09/943839



08/31/01

**Correspondent Name and Address**

Area Code and Telephone Number

(314) 726-7500

Name Mark D. Elchuk and Scott T. Gray

Address (line 1) Harness, Dickey & Pierce

Address (line 2) 5445 Corporate Drive

Address (line 3) Suite 400

Address (line 4) Troy, Michigan 48098-2683

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments

# 2

**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
8 30 2001

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number as not been assigned.

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**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

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Deposit Account ☐

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

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Authorization to charge additional fees:

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**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. Charges to deposit account are authorized, as indicated herein.

Scott T. Gray, Reg. No. P48,891

Name of Person Signing

Signature

August 31, 2001

Date

**RECORDATION FORM COVER SHEET  
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**PATENT**

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Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party(ies)**

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**Patent Application Number(s)**

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09/943839  
08/31/01

## ASSIGNMENT

Atty. Docket No. 7784-000319  
Boeing Ref. No. 01-375(009520)

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

### USER BANDWIDTH MONITOR AND CONTROL MANAGEMENT SYSTEM AND METHOD

for which Assignor is about to make or has made United States or International application for patent

- (a) ☒ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on \_\_\_\_, \_\_\_\_, \_\_\_\_; or
- (c) ☐ filed on \_\_\_\_, and assigned Serial No. \_\_\_\_ or PCT International Application No. \_\_\_\_, and

WHEREAS, The Boeing Company, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letter patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;


Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

8-30-01; 12:04PM;  
JUL 30 2001 11:17  
; 949+790+1141  
JUL 12 2001  
# 5/ 5

## ASSIGNMENT

Assignor hereby authorizes and requests my attorney to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

 8/30/01  
\_\_\_\_\_  
William J. Purpura Date

 8/30/2001  
\_\_\_\_\_  
Kevin M. O'Brien Date