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(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
Atty. Dkt. # 024.0013



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Gary A. Kinstler 4-11-03  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: THE BOEING COMPANY  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
Street Address: 15460 LAGUNA CANYON ROAD  
MC 1650-7003  
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FILED U.S. PTO  
10/412183  
04/11/03

3. Nature of conveyance:  
 Assignment  Merger  
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Execution Date: April 10, 2003

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: April 10, 2003  
A. Patent Application No.(s) 10412183 B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Brett A. Carlson  
Ingrassia Fisher & Lorenz, P.C.  
Internal Address: \_\_\_\_\_  
Street Address: 7150 E. Camelback Rd. Ste. 325  
City: Scottsdale State: AZ Zip: 85251

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41). . . . . \$ 40.00  
 Enclosed  
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50-2091  
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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.*  
Brett A. Carlson (Reg. No. 39,928) [Signature] 4/11/03  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:  
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03 FC:021 40.00 DP

IF&amp;L Form -- Assignment

United States Patent Application  
Attorney Docket No.: 024.0013  
First Named Inventor: Gary A. Kinstler

**ASSIGNMENT**

**WHEREAS**, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") have invented:

**SYSTEMS AND METHODS FOR INTERFACING  
LEGACY EQUIPMENT TO HIGH-SPEED DATA BUSES  
EMPLOYING EMBEDDED BUS CONTROLLERS**

for which application for Letters Patent of the United States:

has been executed on even date herewith;

executed on \_\_\_\_\_;

was filed on \_\_\_\_\_ and assigned U.S. Application Serial No. \_\_\_\_\_;

**AND WHEREAS**, The Boeing Company, a  corporation;  partnership; individual  having a place of business at Irvine, CA (hereinafter "ASSIGNEE"), and successors, assigns, and legal representatives, is desirous of acquiring an interest therein;

**AND WHEREAS**, a "formal application," as referred to herein, shall mean any provisional, nonprovisional, continuation, continuation in part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT) or other patent application, inventor's certificate, or like document;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid application, to the invention as described in the aforesaid application, and to any formal application which may be filed based in whole or in part on the aforesaid application, in the United States and all foreign countries, together with the right of priority under any international agreements to which the United States currently adheres and adheres to in the future, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives.

**AND ASSIGNOR HEREBY AGREES** to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

**ASSIGNOR AGREEING, FURTHERMORE**, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing

IF&L Form - Assignment

and granting of formal applications based on the invention or improvements therein, and the perfecting of title thereto in ASSIGNEE.

**EXECUTED** as of the date(s) written below by ASSIGNOR:

Gary A. Kinstler  
Inventor's Signature

Date: 4-10-03

Gary A. Kinstler  
Inventor's Printed Name