Attorney Docket No. 7784-000416 04-30-2002 U.S. DEPARTMENT OF COMMERCE HEET Form **PTO-1595** U.S. Patent and Trademark Office (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002 102072322 attached original documents or copy thereof. To the Honorable Commission. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Sean M. Callahan Name: The Boeing Company Internal Address: Additional name of conveying party(ies) attached? ☐ Yes Ø No 3. Nature of conveyance: Street Address: 100 North Riverside Plaza Assignment Merger Change of Name Security Agreement City: Chicago State: IL Zip: _ 1596 Other ____ Additional Name(s) & address(es) attached?

Yes

No Execution Date(s): 4/23/02 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: 4/24/02 B. Patent No.(s) A. Patent Application No.(s) 4/26/2**4**02 MWOLDER1 00000086 10128922 40.00 DP Additional numbers attached? Yes No 6. Total number of applications and/or patents involved: 1 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Mark D. Elchuk 7. Total fee (37 CFR 3.41) \$ 40.00 Internal Address: Harness, Dickey & Pierce, P.L.C. Authorized to be charged to deposit account 8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any Street Address: P.O. Box 828 overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. City: Bloomfield Hills State: MI Zip: 48303 DO NOT USE THIS SPACE 9. Statement and signature.

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:

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.

Mark D. Elchuk
Name of Person Signing

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231 2002

ASSIGNMENT

Atty. Docket No. 7784-000416

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

A LOGICAL HIERARCHICAL DATA MODEL FOR SHARING PRODUCT INFORMATION ACROSS PRODUCT FAMILIES

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

(a)	\boxtimes	executed on even date preparatory to filing (eathbil) this Assignment on the same day as he/she signer of Attorney);	9
(b)		executed on; or	
(c)		filed on , and assigned Serial No. Application No. , and	or PCT International

WHEREAS, The Boeing Company, a corporation of the State of Delaware, having its principal place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-1596, 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.

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ASSIGNMENT

Assignor nereby (Application No, when known.			-	t nere in parentheses ber of said application
Dean Calla		_ 27 ₁ 70	20,0	
Dr. Sean M. Callahan	Date			

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PATENT REEL: 012830 FRAME: 0828