08-02-2002 U.S. Department of Commerce FORM PTO-1619A Patent and Trademark Office Expires 06/30/99 **PATENT** OMB 0651-0027 102177066 ΞT RŁ **PATENTS ONLY** TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type New Security Agreement Resubmission (Non-Recordat License ☐ Change of Name Document ID # ☐ Other Correction of PTO Error ☐ Reel# Frame U.S. Government (For Use ONLY by U.S. Government Agencies) Corrective Document Frame Reel# □ Departmental File Conveying Party(ies) Mark if additional names of conveying parties attached **Execution Date** Month Day Year BLOCH, Daniel D. 2002 Name (line 1) 07 18 Name (line 2) **Execution Date** Second Party Month Day Year Name (line 1) SARH, Branko 07 2002 Name (line 2) Mark if additional names of receiving parties attached **Receiving Party** Name (line 1) The Boeing Company If document to be recorded is an assignment and the Name (line 2) receiving party is not domiciled in the United States, an appointment of a domestic Address (line 1) 100 North Riverside Plaza representative is attached. (Designation must be a separate document from Address (line 2) Assignment.) Address (line 3) Illinois 60606-1596 Chicago Zip Code City State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS. Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231 /29/2002 EFLORES 00000056 10202258 40.00 BP FC:581

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Atty. Docket No. 7784-000365 Boeing Ref. No. 01-196 (009345)

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

FASTENER DELIVERY AND INSTALLATION SYSTEM

for which <i>i</i> for patent	Assignor is	about to make or has made United States or In	ternational application
(a)		executed on even date preparatory to filing (eac this Assignment on the same day as he/she sign Power of Attorney);	~
(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.

Page 1 of 2

Assignor hereby au					
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Del Blas	2/18	lor			
Daniel D. Bloch	Date				
Branko Sarh	Date	_			
Bruce Harmon	Date	_			

Assignor hereby a (Application No, application when known.				
Daniel D. Bloch Branko Sarh	Date つ (り) Date	2002		
Bruce Harmon	Date			

Assignor hereb (Application No application when know				
Daniel D. Bloch	Date			
Branko Sarh	Date			
Edwar D. 78 Bruce Harmon EEH	Harman 7/22 Date	<u>/02</u>		

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