

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Mark A. Schmier II</td><td>04/30/2007</td></tr><tr><td>Dwight L. Engwall</td><td>04/30/2007</td></tr><tr><td>Carlos Pena</td><td>04/30/2007</td></tr></tbody></table>		Name	Execution Date	Mark A. Schmier II	04/30/2007	Dwight L. Engwall	04/30/2007	Carlos Pena	04/30/2007				
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Mark A. Schmier II	04/30/2007												
Dwight L. Engwall	04/30/2007												
Carlos Pena	04/30/2007												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>The Boeing Company</td></tr><tr><td>Street Address:</td><td>15460 Laguna Canyon Road</td></tr><tr><td>Internal Address:</td><td>M/C 1640-2101</td></tr><tr><td>City:</td><td>Irvine</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92618</td></tr></table>		Name:	The Boeing Company	Street Address:	15460 Laguna Canyon Road	Internal Address:	M/C 1640-2101	City:	Irvine	State/Country:	CALIFORNIA	Postal Code:	92618
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11747506</td></tr></tbody></table>		Property Type	Number	Application Number:	11747506								
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Application Number:	11747506												
CORRESPONDENCE DATA													
Fax Number: (248)540-4035 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 248-540-4040													
Email: tungassoc@aol.com													
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Address Line 2: Suite 120													
Address Line 4: Bloomfield Hills, MICHIGAN 48302													
ATTORNEY DOCKET NUMBER:	07-0251 (82000-102)												
NAME OF SUBMITTER:	Casey Czuj												

OP \$40.00 11747506

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PATENT  
REEL: 019282 FRAME: 0398

Total Attachments: 3

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**PATENT**

**REEL: 019282 FRAME: 0399**

RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
**PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1 Name of conveying party(ies):  <b>MARK A. SCHMIER II DWIGHT L. ENGWALL CARLOS PENA</b>	2 Name and address of receiving party(ies):  <b>THE BOEING COMPANY 100 N RIVERSIDE CHICAGO, IL 60606-1596</b>  <b>MAILING ADDRESS: M/C 1640-2101, 15460 LAGUNA CANYON ROAD, IRVINE, CALIFORNIA 92618, USA</b>		
3 Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other: Execution Date: <b>Apr. 30, 2007</b>	Additional name(s) & address(es) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: <table border="1"><tr><td>A. Patent Application No(s).  <b>11/747,506</b></td><td>B. Patent No(s)</td></tr></table>		A. Patent Application No(s).  <b>11/747,506</b>	B. Patent No(s)
A. Patent Application No(s).  <b>11/747,506</b>	B. Patent No(s)		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5 Name and address of party to whom correspondence concerning document should be mailed:  <b>RANDY W. TUNG Tung &amp; Associates 838 W. Long Lake Road Suite 120 Bloomfield Hills, Michigan 48302</b>	6 Total number of applications and patents involved: <b>1</b>  7 Total fee (37 CFR 3.41) <b>\$40.00</b>  <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> <b>Authorized to charge credit card (w/filing fee)</b>  8 Deposit Account Number: (Attach duplicate copy of this page if paying by deposit account)		

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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.***Randy W. Tung**  
Name of Person Signing  
Registration No. 31,311  
Signature**5/11/07**  
Date

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

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**PATENT**  
**REEL: 019282 FRAME: 0400**

## ASSIGNMENT

**WHEREAS**, Mark A. Schmier II, residing at 6425 E Orion, Mesa, AZ 85215, Dwight L. Engwall, residing at 1010 N Sunview Circle, Mesa, AZ 85205, and Carlos Pena, residing at 740 N Madrid Lane, Chandler, AZ 85226 have invented certain new and useful Inventions and improvements (hereinafter "Invention") described in the United States patent application entitled: **CONFIGURABLE TOOLING AND MOLDING METHOD USING THE SAME**, for which Assigner is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assigner concurrently herewith; or filed on \_\_\_\_\_ as Application No. \_\_\_\_\_;


**WHEREAS**, the Boeing Company, a corporation organized and existing under the laws of the State of Delaware, USA, having a place of business at 100 N. Riverside, Chicago, Illinois 60606-1596, with a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, USA (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefore;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, Assigner has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications or patents or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possession now owed or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of the U.S. Patent and Trademark Office, and foreign counterparts officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

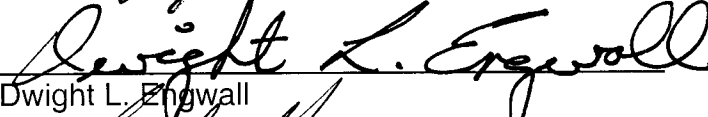
Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Invention, which the Assignor warrants to the Assignee.

Assignor further agrees that Assignor will, without demanding and further consideration therefore, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

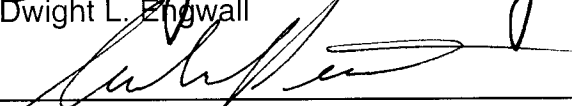
IN TESTIMONY WHEREOF, I/We have signed this Assignment on the date specified below:

  
\_\_\_\_\_  
Mark A. Schriber II

4/30/2007  
Date

  
\_\_\_\_\_  
Dwight L. Engwall

4-30-2007  
Date

  
\_\_\_\_\_  
Carlos Pena

4/30/2007  
Date