

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

|  |                                  |
|--|----------------------------------|
| SUBMISSION TYPE:   | NEW ASSIGNMENT                   |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                       |
| <b>CONVEYING PARTY DATA</b>  |                                  |
| <b>Name</b>  | <b>Execution Date</b>            |
| Norman R. Byrd   | 05/29/2007                       |
| James P. Huang   | 05/29/2007                       |
| Gwen Gross   | 06/04/2007                       |
| <b>RECEIVING PARTY DATA</b>  |                                  |
| <b>Name:</b>   | The Boeing Company               |
| <b>Street Address:</b>   | 15460 Laguna Canyon Road         |
| <b>Internal Address:</b>   | M/C 1640-2101                    |
| <b>City:</b>   | Irvine                           |
| <b>State/Country:</b>  | CALIFORNIA                       |
| <b>Postal Code:</b>  | 92618                            |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                  |
| <b>Property Type</b>   | <b>Number</b>                    |
| Application Number:  | 11758838                         |
| <b>CORRESPONDENCE DATA</b>   |                                  |
| 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                |
| Correspondent Name:  | Tung & Associates                |
| Address Line 1:  | 838 W Long Lake Rd               |
| Address Line 2:  | Suite 120                        |
| Address Line 4:  | Bloomfield Hills, MICHIGAN 48302 |
| ATTORNEY DOCKET NUMBER:  | 07-0165 (82,000-097)             |
| NAME OF SUBMITTER:   | Casey Czuj                       |

OP \$40.00 11758838

Total Attachments: 5

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**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):<br><br><b>NORMAN R. BYRD<br/>         JAMES P. HUANG<br/>         GWEN GROSS</b>   | 2 Name and address of receiving party(ies):<br><br><b>THE BOEING COMPANY<br/>         100 N RIVERSIDE<br/>         CHICAGO, IL 60606-1596</b><br><br><b>MAILING ADDRESS:<br/>         M/C 1640-2101, 15460 LAGUNA CANYON ROAD,<br/>         IRVINE, CALIFORNIA 92618, USA</b>   |
| 3 Nature of conveyance:<br><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><br><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br><br><input type="checkbox"/> Other:<br>Execution Date:   | Additional name(s) & address(es) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |
| 4 Application number(s) or patent number(s):<br><br>If this document is being filed together with a new application, the execution date of the application is:<br><br>A. Patent Application No(s).      B. Patent No(s)<br><br><div style="text-align: center; font-size: 2em; font-family: cursive;">11/158,838</div>   |   |
| 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:<br><br><b>RANDY W. TUNG<br/>         Tung &amp; Associates<br/>         838 W. Long Lake Road<br/>         Suite 120<br/>         Bloomfield Hills, Michigan 48302</b>  | 6 Total number of applications and patents involved:<br><u>1</u><br><br>7 Total fee (37 CFR 3.41) <b>\$40.00</b><br><br><input type="checkbox"/> Enclosed<br><input checked="" type="checkbox"/> <b>Authorized to charge credit card (w/filing fee)</b><br><br>8 Deposit Account Number:<br>(Attach duplicate copy of this page if paying by deposit account) |
| <b>DO NOT USE THIS SPACE</b>   |   |
| 9 Statement and signature.<br><br><i>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.</i><br><br><div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <b>Randy W. Tung</b><br/>           Name of Person Signing<br/>           Registration No. 31,311         </div> <div style="width: 30%; text-align: center;"> <br/>           _____<br/>           Signature         </div> <div style="width: 30%; text-align: center;"> <div style="font-size: 1.5em; font-family: cursive;">6/6/07</div><br/>           _____<br/>           Date         </div> </div> |   |
| Total number of pages including cover sheet, attachments, and document :   |   |

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**PATENT**  
**REEL: 019389 FRAME: 0095**

## ASSIGNMENT

**WHEREAS**, Norman R. Byrd, residing at 17991 Athens Ave., Villa Park, CA 92861, James P. Huang, residing at 4352 Pickwick Circle #112, Huntington Beach, CA 92649, and Gwen Gross, residing at 16504 NE 98<sup>th</sup> Ct, Redmond, WA 98052 have invented certain new and useful Inventions and improvements (hereinafter "Invention") described in the United States patent application entitled: **FILTER MEMBRANE**, 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

Docket No.: 07-0165  
82,000-097

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:

Norman R. Byrd  
Norman R. Byrd

May 29, 2007  
Date

\_\_\_\_\_  
James P. Huang

\_\_\_\_\_  
Date

\_\_\_\_\_  
Gwen Gross

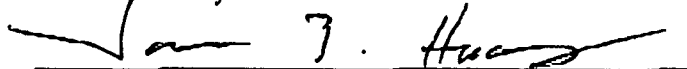
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Date

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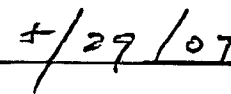
IN TESTIMONY WHEREOF, I/We have signed this Assignment on the date specified below:

\_\_\_\_\_  
Norman R. Byrd



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James P. Huang

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\_\_\_\_\_  
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\_\_\_\_\_  
Gwen Gross

\_\_\_\_\_  
Date

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82,000-097

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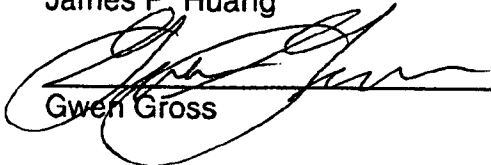
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Norman R. Byrd

\_\_\_\_\_  
Date

\_\_\_\_\_  
James P. Huang

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Gwen Gross

\_\_\_\_\_  
June 4, 2007  
Date