## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
STEPHEN LEE METSCHAN	05/01/2013
RICHARD V. PHILLIPS	05/01/2013
DANIEL M. ROTTER	05/01/2013

#### **RECEIVING PARTY DATA**

Name:	THE BOEING COMPANY
Street Address:	100 NORTH RIVERSIDE PLAZA
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606-2016

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13887006

## CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	BNG 332
NAME OF SUBMITTER:	Larry E. Bailey
Signature:	/Larry E. Bailey/
Date:	05/03/2013

Total Attachments: 2

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> PATENT REEL: 030348 FRAME: 0819

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RECORDATION FORM COVER SHEET  PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(ies)  STEPHEN LEE METSCHAN, RICHARD V. PHILLIPS and DANIEL M. ROTTER	2. Name and address of receiving party(ies)  Name: _THE BOEING COMPANY  Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s)05/01/2013;05/01/13;05/01/13  X Assignment Merger  Security Agreement Change of Name  Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other  4. Application or patent number(s): X This  A. Patent Application No.(s)	Street Address:			
5. Name and address to whom correspondence	6. Total number of applications and patents			
concerning document should be mailed: Name:LARRY E. BAILEY	involved: 1			
Internal Address: DASCENZO INTELLECTUAL PROPERTY  LAW, P.C.  Street Address: 1000 SW BROADWAY, SUITE 1555	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00  X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
City: PORTLAND	8. Payment Information			
State: OREGON Zip: 97205				
Phone Number: 503-224-7529  Fax Number: 503-224-7329  Email Address: larry@dascenzoiplaw.com	Deposit Account Number			
9. Signature: Zam & Ba	May 3, 2013			
Signature  LARRY E. BAILEY  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, Stephen Lee Metschan, residing at Black Diamond, Washington, Richard V. Phillips, residing at Enumclaw, Washington, and Daniel M. Rotter, residing at Lake Forest Park, Washington (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled FLEXIBLE MATERIAL TRANSFER DEVICES, FLEXIBLE VACUUM COMPACTION DEVICES, FLEXIBLE VACUUM CHUCKS, AND SYSTEMS AND METHODS INCLUDING THE SAME for which Assignors are making or have made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignors 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 Plaza, Chicago, Illinois 60606-2016, with a mailing address of P.O. Box 2515, Mail Code: 110-SD54, Seal Beach, CA 90740, 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 therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have assigned, sold and transferred, and do 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 forcign 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 for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent 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 Assignors 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 possessions now owned 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 Assignors if this assignment and sale had not been made. Assignors request and authorize the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the Invention, which title Assignors warrant to the Assignee. Assignors further agree that Assignors will, without demanding any further consideration therefor, 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.

STEPHEN LEE METSCHAN

Date

RICHARD V. PHILLIPS

DANIEL M. ROTTER

Date

PATENT REEL: 030348 FRAME: 0821

Docket No.: BNG 332

RECORDED: 05/03/2013