

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3333804

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HARINDER S. OBEROI	12/03/2014
JOHN WILLARD DORSEY-PALMATEER	12/03/2014
YUANXIN CHARLES HU	12/03/2014
BRANKO SARH	12/04/2014
KEVIN MARION BARRICK	12/03/2014
MELISSA ANN FINDLAY	12/03/2014
JORGE ALBERTO ARRIAGA	12/03/2014
GREGORY GUDZINSKI	04/27/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BOEING COMPANY
<b>Street Address:</b>	100 NORTH RIVERSIDE PLAZA
<b>City:</b>	CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60606-2016
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14559855
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)385-7766
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	9723858777
<b>Email:</b>	ptonotifs@yeeiplaw.com
<b>Correspondent Name:</b>	DUKE W. YEE
<b>Address Line 1:</b>	YEE & ASSOCIATES, P.C.
<b>Address Line 2:</b>	P.O. BOX 802333
<b>Address Line 4:</b>	DALLAS, TEXAS 75380
<b>ATTORNEY DOCKET NUMBER:</b>	14-0905-US-NP
<b>NAME OF SUBMITTER:</b>	PETER J. MANGHERA
<b>SIGNATURE:</b>	/Peter J. Manghera/

PATENT

<b>DATE SIGNED:</b>	04/30/2015
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**Total Attachments: 8**

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**ASSIGNMENT**

**WHEREAS**, HARINDER S. OBEROI, residing at SNOHOMISH, WASHINGTON; JOHN WILLARD DORSEY-PALMATEER, residing at GIG HARBOR, WASHINGTON; YUANXIN CHARLES HU, residing at NEWCASTLE, WASHINGTON; BRANKO SARH, residing at HUNTINGTON BEACH, CALIFORNIA; KEVIN MARION BARRICK, residing at KINGSTON, WASHINGTON; MELISSA ANN FINDLAY, residing at SNOHOMISH, WASHINGTON; JORGE ALBERTO ARRIAGA, residing at KIRKLAND, WASHINGTON; and GREGORY GUDZINSKI, residing at SOUTH LYON, MICHIGAN (hereinafter "Assignor"), has invented certain new and useful improvements in **METROLOGY-BASED SYSTEM FOR OPERATING A FLEXIBLE MANUFACTURING SYSTEM** (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

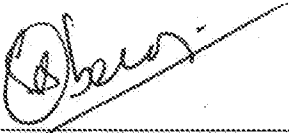
**WHEREAS**, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of 5301 Bolsa Avenue, M/C H011-B171, Huntington Beach, California 92647, USA (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 any United States or foreign LETTERS PATENT that may be granted therefor.

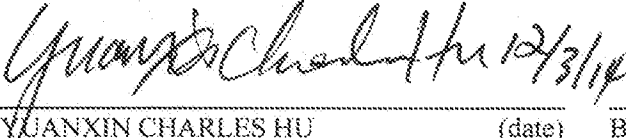
**NOW, THEREFORE**, for good and valuable considerations, the receipt which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee the entire right, title and interest in and to the invention within the United States of America and its 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, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, 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 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 Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of Patents and Trademarks, US and its foreign counterparts, to issue the LETTERS PATENT when granted, in accordance with this assignment.

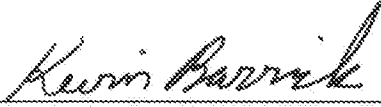

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and expense of the 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.


ASSIGNMENT

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

 <sup>sd</sup> 3 Dec 2014  
\_\_\_\_\_  
HARINDER S. OBEROI (date) JOHN WILLARD DORSEY-PALMATEER (date)

 12/3/14  
\_\_\_\_\_  
YUANXIN CHARLES HU (date) BRANKO SARH (date)

 12/03/2014  12/03/14  
\_\_\_\_\_  
KEVIN MARION BARRICK (date) MELISSA ANN FINDLAY (date)

 12/03/14  
\_\_\_\_\_  
JORGE ALBERTO ARRIAGA (date) GREGORY GUDZINSKI (date)

**ASSIGNMENT**

**WHEREAS**, HARINDER S. OBEROI, residing at SNOHOMISH, WASHINGTON; JOHN WILLARD DORSEY-PALMATEER, residing at GIG HARBOR, WASHINGTON; YUANXIN CHARLES HU, residing at NEWCASTLE, WASHINGTON; BRANKO SARH, residing at HUNTINGTON BEACH, CALIFORNIA; KEVIN MARION BARRICK, residing at KINGSTON, WASHINGTON; MELISSA ANN FINDLAY, residing at SNOHOMISH, WASHINGTON; JORGE ALBERTO ARRIAGA, residing at KIRKLAND, WASHINGTON; and GREGORY GUDZINSKI, residing at SOUTH LYON, MICHIGAN (hereinafter "Assignor"), has invented certain new and useful improvements in **METROLOGY-BASED SYSTEM FOR OPERATING A FLEXIBLE MANUFACTURING SYSTEM** (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

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**NOW, THEREFORE**, for good and valuable considerations, the receipt which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee 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, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, 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 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 Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of Patents and Trademarks, US and its foreign counterparts, to issue the LETTERS PATENT 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 title Assignor warrants to the Assignee. Assignor further agrees that Assignor 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.

**ASSIGNMENT**

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

\_\_\_\_\_  
HARINDER S. OBEROI (date) *John W. Dorsey - Palmateer 3-Dec-2014*  
JOHN WILLARD ~~DORSEY~~-PALMATEER (date)

\_\_\_\_\_  
YUANXIN CHARLES HU (date) \_\_\_\_\_  
BRANKO SARH (date)

\_\_\_\_\_  
KEVIN MARION BARRICK (date) \_\_\_\_\_  
MELISSA ANN FINDLAY (date)

\_\_\_\_\_  
JORGE ALBERTO ARRIAGA (date) \_\_\_\_\_  
GREGORY GUDZINSKI (date)

**ASSIGNMENT**

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YUANXIN CHARLES HU (date)

*Branko Sarh 12/04/2014*  
\_\_\_\_\_  
BRANKO SARH (date)

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KEVIN MARION BARRICK (date)

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MELISSA ANN FINDLAY (date)

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KEVIN MARION BARRICK (date)

\_\_\_\_\_  
MELISSA ANN FINDLAY (date)

\_\_\_\_\_  
JORGE ALBERTO ARRIAGA (date)

 9/27/15  
\_\_\_\_\_  
GREGORY G. DZINSKI (date)