503317837 05/21/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARC R. MATSEN	05/04/2015
MARK A. NEGLEY	05/04/2015
JEFFERY L. MARCOE	05/05/2015
STEPHEN G. MOORE	05/04/2015
BRICE A. JOHNSON	05/21/2015
ALEXANDRA K. DILLON	05/04/2015
MEGAN M. PETERSEN	05/06/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14718893

CORRESPONDENCE DATA

Fax Number: (216)395-0115

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.

Phone: 216 785 0044

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Correspondent Name: VICTOR J. WASYLYNA

Address Line 1: WALTERS & WASYLYNA LLC
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Address Line 4: CLEVELAND, OHIO 44147

ATTORNEY DOCKET NUMBER:	14-2003
NAME OF SUBMITTER:	VICTOR J. WASYLYNA
SIGNATURE:	/victor j wasylyna/
DATE SIGNED:	05/21/2015

Total Attachments: 6 source=14-2003 Assignment#page1.tif source=14-2003 Assignment#page2.tif source=14-2003 Assignment#page3.tif source=14-2003 Assignment#page4.tif source=14-2003 Assignment#page5.tif source=14-2003 Assignment#page5.tif

Megan M. Petersen

		ASSIGN	MENT	
"Assignors' United Stat	S, Marc R. Matsen of, St, St, St, Alexandra K. Dillon of Seattle ") have invented certain new and uses patent application entitled HIGH Assignors are making or have made has been duly executed by Assignors	ephen G. Moore e, Washington, a eful inventions a RATE PRODU application for	of Renton, Washington, Brice A. Jand Megan M. Petersen of Seattle, and improvements (hereinafter "Intertion FIBER PLACEMENT STATEMENT OF THE U	onnson or, Washington, (hereinafter vention") described in the YSTEM AND METHOD
having a pl	S, The Boeing Company, a corpora ace of business at 100 North Riversi acquiring the entire right, title and possessions and all foreign countries, refor;	ide Plaza, Chica interest in and t	go, Illinois 60606-2016 (herematter o the Invention within the United	called "the Assignee"), is States of America and its
assigned, so and interest and in and certificates application divisional, LETTERS LETTERS such priori convention LETTERS States of A assigns to thave been I Commission respective I	EREFORE, for good and valuable old and transferred, and do assign, set in and to the Invention within the Uto any LETTERS PATENT of the and like government grants that me identified above and applications for the identified above and applications for the identified herein, including PATENT identified herein, and the patent identified herein for the protection of industrial properties. Assignee will hold all right the full end of the term for which the held and enjoyed by Assignors if this oner of the U.S. Patent and Tradema LETTERS PATENT in the United Starther covenant and agree with the	Il and transfer to Inited States of A ne United States of A ne United States nay be granted or patent filed from all applications all applications and to Assign operty, together possessions now a for its own us LETTERS PATES ASSIGNMENT and frates and foreign Assignee that A	the Assignee, its successors and as america and its territorial possession and foreign countries, including for any and all portions thereof, or the Invention in all foreign countries and extensions of any of the cons claiming the priority of said a LETTERS PATENT in foreign countries by local laws or by treaty, in with the right to extend the protest owned or which may be hereaft the and benefit and for the use and ENT may be granted, as fully and sale had not been made. Assignor oreign counterpart officials of fore countries when granted, in accordance assignors have a full and unencumb	ssigns, the entire right, title is and all foreign countries, utility models, inventor's and in and to the patent untries and all provisional, applications for patent or applications for patent or applications for patent or ountries with full benefit of including any international ection of the United States or acquired by the United benefit of its successors or entirely as the same would so request and authorize the eign patent offices, to issue noe with this assignment.
considerati acknowled	Assignors warrant to the Assignee. on therefor, at the request and expegment of instruments, that may be United States and foreign LETTEI ee's right to the Invention and LET	ense of the Assignee or become 1 RS PATENT or	ince, do all lawful and just acts, in accessary for obtaining, sustaining the like for the Invention, and for	ncluding the execution and g, extending, reissuing or maintaining and perfecting
IN TESTI	MONY WHEREOF, we have signed	this Assignmen	t on the date specified below.	7
******	- 15-4 5-4	1-2015	ALIAMO	- 4MAY 2015
8. · · · · · · · · · · · · · · · · · · ·	Marc R. Matsen	Date	Mark A. Negley	Date
	Jeffery L. Marcoe	Date	Stephen G. Moore	Date
	Brice A. Johnson	Date	Alexandra K. Dillon	Date

Date

Megan M. Petersen

	ASSIG	NMENT		
WHEREAS, Marc R. Matsen of L. Marcoe of Bellevoe Washington, Alexandra K. Dillon of Seate "Assignors") have invented certain new and a United States patent application entitled HIGH for which Assignors are making or have made application has been duly executed by Assigno	tle, Washingto useful invention H RATE PRO de application	n, and Megan M. Petersen of Sens and improvements (hereinafter DUCTION FIBER PLACEMENT FOR LETTERS PATENT OF TRANSPORTERS PATENT PAT	rattle, washington, (n r "Invention") describ NT SYSTEM AND M	eremanter ed in the ETHOD
WHEREAS, The Boeing Company, a corpo having a place of business at 100 North Rive desirous of acquiring the entire right, title an territorial possessions and all foreign countrie granted therefor;	rside Plaza, Cl d interest in at	icago, Illinois 60606-2016 (hereind to the Invention within the U	nafter called "the Assi Inited States of Ameri	gnee"), is ca and its
NOW, THEREFORE, for good and valuable assigned, sold and transferred, and do assign, and interest in and to the Invention within the and in and to any LETTERS PATENT of certificates and like government grants that application identified above and applications divisional, reissue, continuation, continuation LETTERS PATENT identified herein, includent priorities as may now or hereafter be convention, for the protection of industrial parallel protection of industrial parallel pa	sell and transfe United States of the United St may be grant for patent file a-in-part applie ding all applie e right to apply granted to As property, toget al possessions that for its own the LETTERS I mis assignment mark Office, ar States and fore the Assignee that e. Assignees f pense of the A be or become	or to the Assignee, its successors as of America and its territorial possestes and foreign countries, included for any and all portions the old for the Invention in all foreign cations and extensions of any officiations claiming the priority of for LETTERS PATENT in fore signors by local laws or by treather with the right to extend the now owned or which may be he use and benefit and for the use PATENT may be granted, as fully and sale had not been made. Assign countries when granted, in account the sign countries when granted, in account the signer and the sign countries when granted, in account the signer and th	and assigns, the entire ressions and all foreign ading utility models, areof, and in and to the countries and all professed applications for said applications for ign countries with full ary, including any intereafter acquired by the and benefit of its suct and entirely as the saignors request and autif foreign patent office cordance with this assignment of the without demanding arets, including the executaining, extending, rei	right, title countries, inventor's the patent or patent or patent or benefit of ernational ited States the United cessors or me would horize the s, to issue gnment. Invention, ny further cution and issuing or
reexamining United States and foreign LETT the Assignee's right to the Invention and LE litigation.	ERS PATENT ETTERS PATE	NT particularly in cases of inter	ference conflict, oppo	perfecting sition and
IN TESTIMONY WHEREOF, we have sign	ed this Assignm	nent on the date specified below.		
Marc R. Matsen	Date	Mark A. Negley	Date	#
Jeffer L. Marcoe	5/5/2015 Date	Stephen G. Moore	Dare	
Brice A. Johnson	Date	Alexandra K. Dillon	Date	

Date

Megan M. Petersen

	ASSI	GNMENT	
WHEREAS, Marc R. Matsen of		, Mark A. Negley of	, Jeffery
L. Marcoe of, Alexandra K. Dillon of "Assignors") have invented certain new United States patent application entitled I for which Assignors are making or have application has been duly executed by Assignors.	seattle, washinguand useful invention HIGH RATE PRO made application	ons and improvements (hereinafter DDUCTION FIBER PLACEMEN I for LETTERS PATENT OF TH	"Invention") described in the IT SYSTEM AND METHOD
WHEREAS, The Boeing Company, a chaving a place of business at 100 North desirous of acquiring the entire right, tit territorial possessions and all foreign cougranted therefor;	Riverside Plaza, C le and interest in a	Chicago, Illinois 60606-2016 (herein and to the Invention within the Ur	after called "the Assignee"), is nited States of America and its
NOW, THEREFORE, for good and va assigned, sold and transferred, and do ass and interest in and to the Invention within and in and to any LETTERS PATENT certificates and like government grants application identified above and applicated divisional, reissue, continuation, continuational, reissue, continuation, continuate Tetres Patent identified herein, as such priorities as may now or hereafter convention, for the protection of indust LETTERS PATENT to the various term States of America. Assignee will hold a assigns to the full end of the term for whave been held and enjoyed by Assignors Commissioner of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and Trespective LETTERS PATENT in the University of the U.S. Patent and T.S.	ign, sell and transfor the United States I of the Juntal I of the part application—in-part application all papers I of the granted to A rial property, toge I rights for its ow ich the LETTERS Is if this assignment rademark Office, and the States and for	of America and its territorial possessitates and foreign countries, included for any and all portions there are for the Invention in all foreign lications and extensions of any of ications claiming the priority of significant by for LETTERS PATENT in foreign signors by local laws or by treat there with the right to extend the property of the most owned or which may be here and benefit and for the use a PATENT may be granted, as fully and sale had not been made. Assigned foreign counterpart officials of eign countries when granted, in according to the countries when granted in according to the countries when granted in according to the countries are considered to	and assigns, the entire right, titlessions and all foreign countries ling utility models, inventor's eof, and in and to the patent countries and all provisional the applications for patent or gaid applications and international protection of the United States and benefit of its successors or and entirely as the same would gaors request and authorize the foreign patent offices, to issue ordance with this assignment.
Assignors further covenant and agree wi which title Assignors warrant to the Ass consideration therefor, at the request an acknowledgment of instruments, that reexamining United States and foreign L the Assignee's right to the Invention an litigation.	signee. Assignors of expense of the may be or becon ETTERS PATEN	further agree that Assignors will, we Assignee, do all lawful and just act me necessary for obtaining, sustand or the like for the Invention, and	vithout demanding any furthe ts, including the execution and ining, extending, reissuing o for maintaining and perfecting
IN TESTIMONY WHEREOF, we have	signed this Assign	ment on the date specified below.	
Marc R. Matsen	Date	Mark A. Negley Stl 2	Date 5 - 4 - 2 0 15
Jeffery L. Marcoe	Date	Stephen G. Moore	Date
Brice A. Johnson	Date	Alexandra K. Dillon	Date

Date

ASSIGNMENT

	ASSI	GNMENI		, , , , , , , , , , , , , , , , , , ,
WHEREAS, Marc R. Matsen of	, Stephen G. M	, Mark A. Negley of loore of Renton, Washington, Brid on, and Megan M. Petersen of S	ee A. Johnson of <i>Feo</i>	, Jeffery SEAL WAY.WA. (hereinafter
"Assignors") have invented certain new and United States patent application entitled HI for which Assignors are making or have napplication has been duly executed by Assignors	d useful invention GH RATE PRO nade application	ons and improvements (hereinalti DDUCTION FIBER PLACEME 1 for LETTERS PATENT OF T	er "Invention") descr INT SYSTEM AND I	METHOD
WHEREAS, The Boeing Company, a cor having a place of business at 100 North Ri desirous of acquiring the entire right, title territorial possessions and all foreign count granted therefor;	verside Plaza, C	Chicago, Illinois 60606-2016 (nere	Jnited States of Ame	rica and its
NOW, THEREFORE, for good and valual assigned, sold and transferred, and do assigned and interest in and to the Invention within the and in and to any LETTERS PATENT of certificates and like government grants the application identified above and application divisional, reissue, continuation, continuated LETTERS PATENT identified herein, and such priorities as may now or hereafter be convention, for the protection of industrial LETTERS PATENT to the various territor States of America. Assignee will hold all assigns to the full end of the term for which have been held and enjoyed by Assignors if Commissioner of the U.S. Patent and Trace respective LETTERS PATENT in the United Assignors further covenant and agree with which title Assignors warrant to the Assignonsideration therefor, at the request and acknowledgment of instruments, that may reexamining United States and foreign LETTHE Assignee's right to the Invention and I litigation. IN TESTIMONY WHEREOF, we have signored the second acknowledgment of instruments.	n, sell and transfine United States of the United States of partial application of the Property, togothal possessions of the LETTERS of this assignment demark Office, and States and for the Assignee the Assignors expense of the pay be or becont TERS PATEN LETTERS PATEN TERS PATE	ter to the Assignee, its successors of America and its territorial posts of America and its territorial posts of the for any and all portions the led for the Invention in all forcing lications and extensions of any control in the priority of lications claiming the priority of lay for LETTERS PATENT in force, assignors by local laws or by treather with the right to extend the sen use and benefit and for the use and sale had not been made. Assign countries when granted, as full and sale had not been made. Assign countries when granted, in accept the property of the like for the Invention, and ENT particularly in cases of interest.	and assigns, the entiresessions and all foreignuding utility models ereof, and in and to go countries and all of the applications for said applications for eight countries with further including any interested by and benefit of its sury and entirely as the estimator of foreign patent office cordance with this assencembered title to the without demanding the extraining, extending, and for maintaining an reference conflict, opposite	right, title n countries, , inventor's the patent provisional, or patent or r patent or ill benefit of international inited States the United incressors or same would inthorize the ces, to issue signment. e Invention, any further ecution and eissuing or d perfecting
Marc R. Matsen	Date	Mark A. Negley	Date	
Jeffery L. Marcoe	Date	Stephen G. Moore	Date	
Brice A. Johnson	5/2///\$ Date	Alexandra K. Dillon	Date	

Date

Megan M. Petersen

	ASSI	GNMENT	
WHEREAS, Marc R. Matsen of L. Marcoe of	3	, Mark A. Negley of	, Jeffery
L. Marcoe of , Alexandra K. Dillon o "Assignors") have invented certain new United States patent application entitled for which Assignors are making or hav application has been duly executed by A	of Seattle, Washing and useful invent HIGH RATE PR we made application	tion, and Megan M. Petersen tions and improvements (herei ODUCTION FIBER PLACI on for LETTERS PATENT C	of Seattle, washington, (neternated in the EMENT SYSTEM AND METHOD
WHEREAS, The Boeing Company, a having a place of business at 100 North desirous of acquiring the entire right, to territorial possessions and all foreign cogranted therefor;	n Riverside Plaza, i itle and interest in	Chicago, Illinois 60606-2016 (and to the Invention within t	hereinafter called "the Assignee"), is the United States of America and its
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Assignors further covenant and agree we which title Assignors warrant to the Associateration therefor, at the request a acknowledgment of instruments, that reexamining United States and foreign I the Assignee's right to the Invention at litigation.	ssignee. Assignors nd expense of the may be or beco LETTERS PATEN	s further agree that Assignors Assignee, do all lawful and jome necessary for obtaining, IT or the like for the Invention	will, without demanding any furthe ust acts, including the execution and sustaining, extending, reissuing o n, and for maintaining and perfecting
IN TESTIMONY WHEREOF, we have	e signed this Assig	nment on the date specified bel	ow.
Marc R. Matsen	Date	Mark A. Negley	Date
Jeffery L. Marcoe	Date	Stephen G. Moore	Date Olme 514 K
Brice A. Johnson	Date	Alexandra K. Dillon	Date

Date

Megan M. Petersen

ASSIGNMENT

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, Stephen G. M Seattle, Washingtond useful invention IGH RATE PRO made application gnors concurrent	oore of Renton, Washington, Bride on, and Megan M. Petersen of So ons and improvements (hereinafte DDUCTION FIBER PLACEMENT of CETTERS PATENT OF The by herewith;	e A. Johnson of, eattle, Washington, (hereinafter r "Invention") described in the NT SYSTEM AND METHOD HE UNITED STATES, which
liverside Plaza, C and interest in a	chicago, Illinois 60606-2016 (herei and to the Invention within the U	natter called "the Assignee"), is inited States of America and its
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Date	Mark A. Negley	Date
Date	Stephen G. Moore	Date
Date	Alexandra K. Dillon	Date
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PATENT REEL: 035692 FRAME: 0879

RECORDED: 05/21/2015