503549607 11/02/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMIE J. CHILDRESS	10/26/2015
MARCI A. GEORGE	10/28/2015
PAUL L. WYNNS	10/26/2015
KURT A. MATTHEWS	10/27/2015
JOHN J. FAGAN JR.	10/30/2015
EGAN GREENSTEIN	10/30/2015

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:	14929561

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

Email: victor@wwiplaw.com

Correspondent Name: VICTOR J. WASYLYNA

Address Line 1: WALTERS & WASYLYNA LLC
Address Line 2: 8193 AVERY ROAD, SUITE 101
Address Line 4: CLEVELAND, OHIO 44147

ATTORNEY DOCKET NUMBER: 15-1901

NAME OF SUBMITTER: VICTOR J. WASYLYNA

SIGNATURE: /victor j wasylyna/

DATE SIGNED: 11/02/2015

PATENT 503549607 REEL: 036933 FRAME: 0691

Total Attachments: 6 source=15-1901 Assignment#page1.tif source=15-1901 Assignment#page2.tif source=15-1901 Assignment#page3.tif source=15-1901 Assignment#page4.tif source=15-1901 Assignment#page5.tif source=15-1901 Assignment#page5.tif

PATENT REEL: 036933 FRAME: 0692

John J. Fagan, Jr.

ASSIGN	IMENT
WHEREAS, Jamie J. Childress of MERCAN ISLAND L. Wynns of, Kurt A. Matth, and Egan Greenstein of invented certain new and useful inventions and improve	o ensiting town
WHEREAS, Jamie J. Childress of	Marci A. George of, Paul
L. Wynns of, Kurt A. Matth	ews of, john J. Fagan, Jr., of
, and Egan Greenstein of	, (nereinaiter Assignors) have
States patent application entitled WAIERBORNE PA	YLOAD DEPLOYMENT VESSEL AND METHOD cation for LETTERS PATENT OF THE UNITED
STATES, which application has been duly executed by	Assignors concurrently herewith;
WHEREAS, The Boeing Company, a corporation of	organized and existing under the laws of the State of
Delaware, USA, having a place of business at 100	North Riverside Plaza, Chicago, Illinois 60606-2016
(hereinafter called "the Assignee"), is desirous of acq	uiring 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 PATEN	프레노 이제는 이미를 내기를 다고했습니다. 아버지는 이
NOW, THEREFORE, for good and valuable consideration	leration, the receipt of which is hereby acknowledged,
Assignors have assigned, sold and transferred, and do a	ssign, 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, invent	or'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 countr	ies and all provisional, divisional, reissue, continuation,
continuation—in-part applications and extensions of an	y of the applications for patent or LETTERS PATENT
identified herein, including all applications claiming to	ne priority of said applications for patent or LETTERS ETTERS PATENT in foreign countries with full benefit
PATENT identified nerein, and the right to apply for L	to Assignors by local laws or by treaty, including any
of such priorities as may now or hereafter be granted	strial property, together with the right to extend the
protection of the United States I ETTERS PATENT to	the various territorial possessions now owned or which
may be hereafter acquired by the United States of An	nerica. Assignee will hold all rights for its own use and
benefit and for the use and henefit of its successors or a	ssigns 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 is
this assignment and sale had not been made. Assigno	ors request and authorize the Commissioner of the U.S.
Parent and Trademark Office, and foreign counterpa	rt officials of foreign patent offices, to issue respective
LETTERS PATENT in the United States and fore	eign countries when granted, in accordance with this
assignment.	실택 가격이 열었네요. 그렇게 되어서 그의
그렇지 않을 받은 이름이 하다 이렇게 되었다.	경우 하다 회사를 내려고 하다고 있었다. [편집
Assignors further covenant and agree with the Assign	ee 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 lawfu
and just acts, including the execution and acknowled	gment of instruments, that may be or become necessary
for obtaining, sustaining, extending, reissuing or reex	amining United States and foreign LETTERS PATENT
or the like for the Invention, and for maintaining ar	nd perfecting the Assignee's right to the Invention and
LETTERS PATENT particularly in cases of interferen	ace conflict, opposition and inigation.
IN TESTIMONY WHEREOF, we have signed this	Assignment on the date specified below.
1/1/11/15	
Jamie J. Childress Date	Marci A. George Date
	A
Paul L. Wynns Date	Kurt A. Matthews Date

Egan Greenstein

Date

PATENT REEL: 036933 FRAME: 0693

Date

ASSIGNMENT
WHEREAS, Jamie J. Childress of, Marci A. George of, Paul L. Wynns of, Kurt A. Matthews of, John J. Fagan, Jr., of, and Egan Greenstein of, (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled WATERBORNE PAYLOAD DEPLOYMENT VESSEL AND METHOD 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;
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 North Riverside Plaza, Chicago, Illinois 60606-2016 (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 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 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 accordan
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, we have signed this Assignment on the date specified below.
Jamie J. Childress Date Marci A. George Date

Date

Date

Paul L. Wynns

John J. Fagan, Jr.

Kurt A. Matthews

Egan Greenstein

PATENT REEL: 036933 FRAME: 0694

Date

Date

ASSI	GNMENT	
WHEREAS Jamie I Childress of	, Marci A. George of	,, Paul
WHEREAS, Jamie J. Childress of, L. Wynns of San Diego, CA , Kurt A. Ma, and Egan Greenstein of	atthews of,, (herei	, John J. Fagan, Jr., of nafter "Assignors") have
invented certain new and useful inventions and improstates patent application entitled WATERBORNE for which Assignors are making or have made as STATES, which application has been duly executed	PAYLOAD DEPLOYMENT V pplication for LETTERS PATE	ESSEL AND METHOD NT OF THE UNITED
WHEREAS, The Boeing Company, a corporation Delaware, USA, having a place of business at 1 (hereinafter called "the Assignee"), is desirous of Invention within the United States of America and and to any United States or foreign LETTERS PAT	00 North Riverside Plaza, Chic acquiring the entire right, title a its territorial possessions and all	and interest in and to the I foreign countries, and in
NOW, THEREFORE, for good and valuable cor Assignors have assigned, sold and transferred, and d assigns, the entire right, title and interest in and to territorial possessions and all foreign countries, an and foreign countries, including utility models, inv granted for any and all portions thereof, and in and for patent filed for the Invention in all foreign cour continuation—in-part applications and extensions of identified herein, including all applications claimin PATENT identified herein, and the right to apply for of such priorities as may now or hereafter be grant international convention, for the protection of in protection of the United States LETTERS PATEN may be hereafter acquired by the United States of benefit and for the use and benefit of its successors of PATENT may be granted, as fully and entirely as this assignment and sale had not been made. Assi Patent and Trademark Office, and foreign counted LETTERS PATENT in the United States and assignment.	the Invention within the United d in and to any LETTERS PAT entor's certificates and like gover l to the patent application identificant any of the applications for pater g the priority of said application or LETTERS PATENT in foreign the district property, together with T to the various territorial possess. America. Assignee will hold all or assigns to the full end of the territorial possess and authorize the expart officials of foreign patent foreign countries when granted	Assignee, its successors and a States of America and its ENT of the United States riment grants that may be ied above and applications onal, reissue, continuation, it or LETTERS PATENT as for patent or LETTERS is countries with full benefit or by treaty, including any he the right to extend the sions now owned or which rights for its own use and im for which the LETTERS and enjoyed by Assignors if Commissioner of the U.S. offices, to issue respective in accordance with this
Assignors further covenant and agree with the Assignors further covenant and agree with the Assignors warrant to twithout demanding any further consideration there and just acts, including the execution and acknow for obtaining, sustaining, extending, reissuing or ror the like for the Invention, and for maintaining LETTERS PATENT particularly in cases of interference and the sustaining of the sustaining o	the Assignee. Assignors further efor, at the request and expense of ledgment of instruments, that me eexamining United States and for g and perfecting the Assignee's	agree that Assignors will, f the Assignee, do all lawful ay be or become necessary reign LETTERS PATENT right to the Invention and
IN TESTIMONY WHEREOF, we have signed the	nis Assignment on the date specifi	ied below.
Jamie J. Childress Date	Marci A. George	Date
Ph_ 10/26/15	o	
Paul L. Wynns Date	Kurt A. Matthews	Date

PATENT REEL: 036933 FRAME: 0695

Date

Egan Greenstein

Date

John J. Fagan, Jr.

John J. Fagan, Jr.

ASSIGNMENT			
WHEREAS, Jamie J. L. Wynns of,	Childress of, , and Egan G	, Kurt A. Matt	, Marci A. George of,, Paul thews of FULLERTON, GA, John J. Fagan, Jr., of, (hereinafter "Assignors") have wements (hereinafter "Invention") described in the United AND DEBL ON THOO
for which Assignors	on entitled WAL are making or h	ave made app	AYLOAD DEPLOYMENT VESSEL AND METHOD oblication for LETTERS PATENT OF THE UNITED by Assignors concurrently herewith;
Delaware, USA, has (hereinafter called "Invention within the	ving a place of b the Assignee"), is United States of	usiness at 100 desirous of ac America and i	organized and existing under the laws of the State of North Riverside Plaza, Chicago, Illinois 60606-2016 equiring the entire right, title and interest in and to the ts territorial possessions and all foreign countries, and in ENT that may be granted therefor;
Assignors have assign assigns, the entire rigitarized possession and foreign countries granted for any and for patent filed for the continuation—in-particle dentified herein, in PATENT identified of such priorities as international converted protection of the Unimay be hereafter accompleted benefit and for the Unimary be granted and for the Unimary beginning assignment and Patent and Trademark.	ned, sold and transity, title and interests and all foreign of some sold and the sold and the sold and the Invention in all applications and cluding all applications, for the properties of the United States LETTH quired by the United States the United States and benefit of it ranted, as fully and sale had not been ark Office, and for the properties of the united states and sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been ark Office, and for the sale had not been sale had not b	ferred, and do est in and to the countries, and models, inversif, and in and the foreign countextensions of a tions claiming that to apply for after be granted tection of indextensions of a successors or a successors or a entirely as the made. Assign reign counterpress and to the same and t	ideration, the receipt of which is hereby acknowledged, assign, sell and transfer to the Assignee, its successors and he Invention within the United States of America and its in and to any LETTERS PATENT of the United States in and to any LETTERS PATENT of the United States in tor's certificates and like government grants that may be to the patent application identified above and applications tries and all provisional, divisional, reissue, continuation, any of the applications for patent or LETTERS PATENT the priority of said applications for patent or LETTERS LETTERS PATENT in foreign countries with full benefit ed to Assignors by local laws or by treaty, including any dustrial property, together with the right to extend the to the various territorial possessions now owned or which america. Assignee will hold all rights for its own use and assigns to the full end of the term for which the LETTERS e same would have been held and enjoyed by Assignors if nors request and authorize the Commissioner of the U.S. part officials of foreign patent offices, to issue respective oreign countries when granted, in accordance with this
the Invention, which without demanding and just acts, include for obtaining, sustain or the like for the	th title Assignors any further consid- ling the execution ming, extending, r Invention, and fo	warrant to the leration therefor and acknowle eissuing or ree r maintaining	gnee that Assignors have a full and unencumbered title to e Assignee. Assignors further agree that Assignors will, or, at the request and expense of the Assignee, do all lawful dgment of instruments, that may be or become necessary examining United States and foreign LETTERS PATENT and perfecting the Assignee's right to the Invention and rence conflict, opposition and litigation.
IN TESTIMONY	WHEREOF, we h	ave signed this	s Assignment on the date specified below.
Jamie J. Childre	ess	Date	Marci A. George Date 76 0 10/27/2015
Paul L. Wynns	·	Date	Kurt A. Matthews Date

Egan Greenstein

Date

PATENT REEL: 036933 FRAME: 0696

Date

ASSIGNMENT

	WHEREAS, Jamie J. Childress of _ L. Wynns of	, <u></u> , Mar	ci A. George of	,, Pa
	L. Wynns of	, Kurt A. Matthews of _		, John J. Fagan, Jr.,
t ALF	ONT PENNSYLVAN and Egar	n Greenstein of	,, (here	einafter "Assignors") ha
	invented certain new and useful inve	entions and improvements (III	DEPLOYMENT	VESSEL AND METHO
	for which Assignors are making of STATES, which application has been	or have made application to	or LETTERS PATE	ENT OF THE OWITH
	WHEREAS, The Boeing Compart Delaware, USA, having a place of (hereinafter called "the Assignee") Invention within the United States and to any United States or foreign	ny, a corporation organized of business at 100 North F), is desirous of acquiring the of America and its territori	and existing unde liverside Plaza, Ch ie entire right, title al possessions and a	or the laws of the State licago, Illinois 60606-20 and interest in and to all foreign countries, and
2,	NOW, THEREFORE, for good Assignors have assigned, sold and transigns, the entire right, title and it territorial possessions and all foreign during and foreign countries, including ut granted for any and all portions the for patent filed for the Invention is	ransferred, and do assign, sell nterest in and to the Invention ign countries, and in and to ility models, inventor's certi- ereof, and in and to the pates	and transfer to the on within the Unite any LETTERS PA' ficates and like gove on application identi	Assignee, its successors and States of America and IENT of the United State ernment grants that may ified above and application
	continuation—in-part applications identified herein, including all app PATENT identified herein, and the of such priorities as may now or	and extensions of any of the plications claiming the priori e right to apply for LETTER! hereafter be granted to Assign protection of industrial pr	applications for part ty of said applications SPATENT in foreign gnors by local laws operty, together w	ons for patent or LETTI gn countries with full ber or by treaty, including ith the right to extend
	protection of the United States LE may be hereafter acquired by the benefit and for the use and benefit PATENT may be granted, as fully this assignment and sale had not l Patent and Trademark Office, an LETTERS PATENT in the Un assignment.	TTERS PATENT to the vari United States of America. A of its successors or assigns to and entirely as the same wo been made. Assignors reque d foreign counterpart official	ous territorial posses Assignee will hold a the full end of the te ould have been held est and authorize the als of foreign paten	Il rights for its own use orm for which the LETT and enjoyed by Assigno e Commissioner of the t offices, to issue respe-
	Assignors further covenant and a the Invention, which title Assign without demanding any further co and just acts, including the execu	nors warrant to the Assigned consideration therefor, at the ration and acknowledgment of the reissuing or reexamining	e. Assignors further equest and expense f instruments, that i United States and f	of the Assignee, do all la may be or become nece oreign LETTERS PAT
	or the like for the Invention, and LETTERS PATENT particularly	in cases of interference conf	lict, opposition and	litigation.
		we have signed this Assignm	ent on the date spec	ified below
	IN TESTIMONY WHEREOF,	W • 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		inica pelow.
		water to the same		and the second s
	Jamie J. Childress	and the second second	i A. George	Date
		Date Marc		

PATENT REEL: 036933 FRAME: 0697

RECORDED: 11/02/2015

		NMENI	
WHEREAS, Jamie J. Childress of	FERBORNE P.	AYLOAD DEPLOYMENT VES	SEL AND METHOD OF THE UNITED
WHEREAS, The Boeing Company, Delaware, USA, having a place of (hereinafter called "the Assignee"), i Invention within the United States of and to any United States or foreign L	business at 100 s desirous of ac f America and it	quiring the entire right, title and secretary territorial possessions and all fo	interest in and to the oreign countries, and in
NOW, THEREFORE, for good and Assignors have assigned, sold and trar assigns, the entire right, title and interterritorial possessions and all foreign and foreign countries, including utilities granted for any and all portions there for patent filed for the Invention in a continuation—in-part applications and identified herein, including all applic PATENT identified herein, and the ri of such priorities as may now or her international convention, for the protection of the United States LETT may be hereafter acquired by the Unbenefit and for the use and benefit of it PATENT may be granted, as fully at this assignment and sale had not bee Patent and Trademark Office, and full LETTERS PATENT in the United assignment.	rest in and to the countries, and to the countries, and to the cof, and in and the complete countries of a countries of the correction of indicates of A countries of the countries of t	assign, sell and transfer to the Assign el Invention within the United Stain and to any LETTERS PATEN ator's certificates and like government of the patent application identified tries and all provisional, divisional any of the applications for patent of the priority of said applications for LETTERS PATENT in foreign conductor of the various territorial possession merica. Assignee will hold all rigustions to the full end of the term for assigns to the full end of the term for assigns to the full end of the term for assigns assigns to the full end of the term for assigns assigns to the full end of the term for assigns to the full end of the term for assigns to the full end of the term for assigns to the full end of the term for assigns to the full end of the term for assigns to the full end of the term for a same would have been held and a sors request and authorize the Context officials of foreign patent officials of foreign patent officials.	ates of America and its IT of the United States nent grants that may be above and applications l, reissue, continuation, or LETTERS PATENT or patent or LETTERS puntries with full benefit by treaty, including anythe right to extend the ns now owned or which this for its own use and or which the LETTERS enjoyed by Assignors if ommissioner of the U.S. ices, to issue respective
Assignors further covenant and agree the Invention, which title Assignors without demanding any further constand just acts, including the execution for obtaining, sustaining, extending, or the like for the Invention, and full LETTERS PATENT particularly in	s warrant to the ideration thereform and acknowle reissuing or ree or maintaining	or, at the request and expense of the digment of instruments, that may be amining United States and foreighted perfecting the Assignee's right	e Assignee, do all lawfu be or become necessary on LETTERS PATENT to the Invention and
IN TESTIMONY WHEREOF, we	have signed this	Assignment on the date specified	below.
		1/	Date
Jamie J. Childress	Date	Marci A. George	Date
Paul L. Wynns	Date	Kurt A. Matthews	Date 20 09-15
John J. Fagan, Jr.	Date	Egan Greenstein	Date

PATENT REEL: 036933 FRAME: 0698