502785006 04/28/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2831601

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARTIN N. GIBBINS	04/23/2014
GREGORY D. MILLER	04/23/2014
PAUL H. LAI	04/24/2014
JAMES G. SCOBY	04/24/2014
GREGORY E. RUPERT	04/24/2014
CHETAN T. KATAKIA	04/23/2014
DAVID B. MOORE	04/25/2014

#### **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:	14263017	

### **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 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: 13-2487

NAME OF SUBMITTER: VICTOR J. WASYLYNA

SIGNATURE: /victor j wasylyna/

DATE SIGNED: 04/28/2014

502785006 PATENT REEL: 032767 FRAME: 0545

# **Total Attachments: 4**

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PATENT REEL: 032767 FRAME: 0546

David B. Moore

# **ASSIGNMENT**

	110010			
WHEREAS, Martin N. Gibbins of,, James G. Scoby of,, and I invented certain new and useful inventions and application entitled APPARATUS AND MET A COMPONENT OF A VEHICLE for which THE UNITED STATES, which application has	David B. Mool improvement HOD FOR M h Assignors ar s been duly exc	, Gregory E. Ruper ore of, s (hereinafter "Invention") SONITORING PERFOR e making or have made app ecuted by Assignors concur	t of, (hereinafter ", described in the Un MANCE CHARAC blication for LETTER rently herewith;	, Chetan Assignors") have ited States patent TERISTICS OF RS PATENT OF
WHEREAS, The Boeing Company, a corporn having a place of business at 100 North Rivers desirous of acquiring the entire right, title and territorial possessions and all foreign countries, granted therefor;	side Plaza, Ch interest in an	icago, Illinois 60606-2016 ( d to the Invention within	hereinafter called "t the United States of	he Assignee"), is
NOW, THEREFORE, for good and valuable assigned, sold and transferred, and do assign, so and interest in and to the Invention within the U and in and to any LETTERS PATENT of the certificates and like government grants that in application identified above and applications for divisional, reissue, continuation, continuation—LETTERS PATENT identified herein, including LETTERS PATENT identified herein, and the insuch priorities as may now or hereafter be governmention, for the protection of industrial production, for the protection of industrial production, for the protection of industrial productions, for the full end of the term for which the have been held and enjoyed by Assignors if this Commissioner of the U.S. Patent and Tradema respective LETTERS PATENT in the United States and agree with the which title Assignors warrant to the Assignee. consideration therefor, at the request and expension consideration therefor, at the request and expension consideration therefor, at the request and expension united States and foreign LETTER the Assignee's right to the Invention and LETT litigation.	Ill and transfer Jnited States of the United States of the Assignors fur	for the Assignee, its success of America and its territorial tes and foreign countries, do for any and all portion of the Invention in all for the Invention in all for the Invention in all for the Inventions of an attions and extensions of an attions claiming the priority for LETTERS PATENT in ignors by local laws or by the with the right to extend to wowned or which may be used and benefit and for the ATENT may be granted, as and sale had not been made. If foreign counterpart official in countries when granted, in the agree that Assignors with the agree that Assignors with the for the Invention of the Inventio	sors and assigns, the possessions and all finduding utility mess thereof, and in an oreign countries and my of the application foreign countries with the protection of the hereafter acquired use and benefit of fully and entirely as Assignors request as als of foreign patent in accordance with the intencumbered title to will, without demand its acts, including the sustaining, extending	entire right, title oreign countries, odels, inventor's od to the patent of the patent of the patent or the full benefit of the United of the United of the Same would not authorize the offices, to issue is assignment.  The Invention, ling any further e execution and og, reissuing or
IN TESTIMONY WHEREOF, we have signed	this Assignme	nt on the date specified belo	ow.	·
Martin N. Gibbins 4/	23/2014 Date	Beggy & Muller Gregory D. Miller	23 April 2019 Date	4
Paul H. Lai	Date	James G. Scoby	Date	
Gregory E. Rupert	Date	Chetan T. Katakia	Date	

Date

PATENT REEL: 032767 FRAME: 0547

# ASSIGNMENT

WHEREAS, Martin N. Gibbins of	are making or have made appreciated by Assignors concurred and existing under the labeled and	lication for LETTERS PATENT OF cently herewith;  aws of the State of Delaware, USA, hereinafter called "the Assignee"), is
NOW, THEREFORE, for good and valuable consideration assigned, sold and transferred, and do assign, sell and transfer and interest in and to the Invention within the United States and in and to any LETTERS PATENT of the United States and in and to any LETTERS PATENT of the United States and line government grants that may be grant application identified above and applications for patent file divisional, reissue, continuation, continuation—in-part applicational, reissue, continuation, continuation—in-part applicational, reissue, continuation, continuation—in-part applicational, reissue, continuation, and the right to apply such priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities as may now or hereafter be granted to Associate priorities.	of America and its territorial pates and foreign countries, and for any and all portions and for the Invention in all forcations and extensions of an extensions claiming the priority for LETTERS PATENT in signors by local laws or by the with the right to extend now owned or which may be use and benefit and for the ATENT may be granted, as find sale had not been made. It do not be the difference of the priority of the priority and sale had not been made. It do not be the priority of the pri	ors and assigns, the entire right, title possessions and all foreign countries, including utility models, inventor's thereof, and in and to the patent oreign countries and all provisional, by of the applications for patent or of said applications for patent or foreign countries with full benefit of treaty, including any international the protection of the United States e hereafter acquired by the United use and benefit of its successors or fully and entirely as the same would Assignors request and authorize the is of foreign patent offices, to issue accordance with this assignment.
Assignors further covenant and agree with the Assignee that which title Assignors warrant to the Assignee. Assignors further consideration therefor, at the request and expense of the Assacknowledgment of instruments, that may be or become reexamining United States and foreign LETTERS PATENT of the Assignee's right to the Invention and LETTERS PATEN litigation.	ssignee, do all lawful and jus necessary for obtaining, s	ill, without demanding any further t acts, including the execution and ustaining, extending, reissuing or
IN TESTIMONY WHEREOF, we have signed this Assignment	ent on the date specified below	v.
Martin N. Gibbins Date  Paul H. Lai Date  Surgay Mysut 4-24-14  Gregory E. Rupert Date	Gregory D. Miller  James H. Ac.  James G. Scoby  Chetan T. Katakia	Date  Oly U-24-14  Date  Date
David B. Moore Date		•

PATENT

**REEL: 032767 FRAME: 0548** 

David B. Moore

#### ASSIGNMENT

		1133	GIVIMENT	
WHERE	EAS, Martin N. Gibbins of	,	, Gregory D. Miller of	Paul H. Lai of
application	on entitled APPARATUS AN PONENT OF A VEHICLE	ID METHOD FOR for which Assignors	MONITORING PERFORMA	Paul H. Lai of f. Chetan , Chereinafter "Assignors") have scribed in the United States patent ANCE CHARACTERISTICS OF ation for LETTERS PATENT OF tely herewith;
desirous	of acquiring the entire right, l possessions and all foreign c	th Riverside Plaza, ( title and interest in	Chicago, Illinois 60606-2016 (her	s of the State of Delaware, USA, reinafter called "the Assignee"), is United States of America and its LETTERS PATENT that may be
assigned, and intered and in an certificate application divisional LETTER. Such prior convention LETTER. States of assigns to have been Commission respective Assignors which title considerate acknowled reexaminis	est in and to the Invention with and to any LETTERS PATERS and like government grant on identified above and applied, reissue, continuation, continuation of industrial continuation continuation continuation, cont	assign, sell and transichin the United States NT of the United States NT of the United States NT of the United States Its that may be grant cations for patent file nuation—in-part appliance and the right to appliant the granted to A strial property, toge arritorial possessions all rights for its owe which the LETTERS are if this assignment Trademark Office, a Juited States and fore with the Assignee the ssignee. Assignors if and expense of the A may be or become	ter to the Assignee, its successoric of America and its territorial positates and foreign countries, incited for any and all portions the for the Invention in all foreign cations and extensions of any ications claiming the priority of y for LETTERS PATENT in for ssignors by local laws or by the ther with the right to extend the now owned or which may be in use and benefit and for the use PATENT may be granted, as full and sale had not been made. As and foreign counterpart officials eign countries when granted, in and the Assignors have a full and unequitation of the countries when granted in a series agree that Assignors will assignee, do all lawful and just are necessary for obtaining, such that the like for the Invention and the like for the Invention and the series and the Invention as a series of the Invention and Invent	by acknowledged, Assignors have is and assigns, the entire right, title issessions and all foreign countries, cluding utility models, inventor's hereof, and in and to the patent right countries and all provisional, of the applications for patent or of said applications for patent or reign countries with full benefit of reaty, including any international reprotection of the United States hereafter acquired by the United see and benefit of its successors or ally and entirely as the same would stignors request and authorize the of foreign patent offices, to issue eccordance with this assignment.  Incumbered title to the Invention, without demanding any further acts, including the execution and staining, extending, reissuing or and for maintaining and perfecting efference conflict, opposition and
ntigation.				
114 117011	MILITALI WILLIAMOF, WE NAV	e signed this Assignn	nent on the date specified below.	
	Martin N. Gibbins	Date	Gregory D. Miller	Date
	Paul H. Lai	Date	James G. Scoby	Date
	Gregory E. Rupert	Date	Chetar T. Katakia	04/23/14 Data
	9 /	Date	Circuit 1. Ixarakia	Date

Date

**PATENT REEL: 032767 FRAME: 0549** 

## **ASSIGNMENT**

WHEREAS, Martin N. Gibbins of		, Gregory D. Miller of		Paul H I ai of
, James G. Scoby of	:	, Gregory E. Rupert o	f .	Cheran
WHEREAS, Martin N. Gibbins of,, James G. Scoby of T. Katakia of,, an invented certain new and useful inventions application entitled APPARATUS AND MA COMPONENT OF A VEHICLE for w THE UNITED STATES, which application	hich Assignors	are making or have made applica	ation for LETTE	
WHEREAS, The Boeing Company, a corp having a place of business at 100 North Riv desirous of acquiring the entire right, title a	poration organ verside Plaza, ( and interest in	ized and existing under the law Chicago, Illinois 60606-2016 (her and to the Invention within the	s of the State of einafter called "t	he Assignee"), is
territorial possessions and an foreign countries, and in and to any United States or foreign LETTERS PATENT that may be				
Martin N. Gibbins	Date	Gregory D. Miller	Date	
Paul H. Lai	Date	James G. Scoby	Date	
Gregory E. Rupert	Date	Chetan T. Katakia	Date	
D. B. Moore April 25 David B. Moore	5, 2014 Date			

REEL: 032767 FRAME: 0550

**RECORDED: 04/28/2014**