505921380 02/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5968098

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CONVEYING PARTY previously recorded on Reel 051830 Frame 0082. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
SARAH MECKLEM	02/12/2020
BRENDAN P. WILLIAMS	02/12/2020
DARCY DAVIDSON	02/12/2020
JOHN BENTON	02/11/2020
LENNON R. CORK	02/12/2020
PETER BARTON POPENOE	02/11/2020

RECEIVING PARTY DATA

Name:	THE BOEING COMPANY	
Street Address:	100 N. RIVERSIDE PLAZA	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60606-1596	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16792403

CORRESPONDENCE DATA

Fax Number:

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: 512-2009737

Email: tjohnson@mooreiplaw.com

Correspondent Name: BOEING C/O MOORE INTELLECTUAL PROPERTY LLC

Address Line 1: 13359 N HWY 183, #406-243

Address Line 4: AUSTIN, TEXAS 78750

ATTORNEY DOCKET NUMBER:	17-2755-US-CIP
NAME OF SUBMITTER:	TAMI JOHNSON
SIGNATURE:	/Tami Johnson/
DATE SIGNED:	02/18/2020

PATENT REEL: 051969 FRAME: 0015

505921380

Total Attachments: 10 source=2020-02-17 Patent Assignment Cover Sheet 17-2755-US-CIP#page1.tif source=2020-02-17 Patent Assignment Cover Sheet 17-2755-US-CIP#page2.tif source=2020-02-14 Assignment 17-2755-US-CIP#page1.tif source=2020-02-14 Assignment 17-2755-US-CIP#page2.tif

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source=2020-02-14 Assignment 17-2755-US-CIP#page8.tif

PATENT REEL: 051969 FRAME: 0016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SARAH MECKLEM	02/12/2020
BRENDAN P. WILLILAMS	02/12/2020
DARCY DAVIDSON	02/12/2020
JOHN BENTON	02/11/2020
LENNON R. CORK	02/12/2020
PETER BARTON POPENOE	02/11/2020

RECEIVING PARTY DATA

Name:	THE BOEING COMPANY
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Postal Code:	60606-1596

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16792403	

CORRESPONDENCE DATA

Fax Number:

Phone: 512-200-9737

Email: tjohnson@MOOREIPLAW.COM

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.

Correspondent Name: BOEING C/O MOORE INTELLECTUAL PROPERTY L

 Address Line 1:
 13359 N. HWY. 183, #406-243

 Address Line 4:
 AUSTIN, TEXAS 78750

ATTORNEY DOCKET NUMBER:	17-2755-US-CIP
NAME OF SUBMITTER:	TAMI JOHNSON
Signature:	/Tami Johnson/

PATENT REEL: 051969 FRAME: **QQ1/7**_{2020, 10:39 AM} Date: 02/17/2020 **Total Attachments: 8** source=2020-02-14 Assignment 17-2755-US-CIP#page1.tif source=2020-02-14 Assignment 17-2755-US-CIP#page2.tif source=2020-02-14 Assignment 17-2755-US-CIP#page3.tif source=2020-02-14 Assignment 17-2755-US-CIP#page4.tif source=2020-02-14 Assignment 17-2755-US-CIP#page5.tif source=2020-02-14 Assignment 17-2755-US-CIP#page6.tif source=2020-02-14 Assignment 17-2755-US-CIP#page7.tif source=2020-02-14 Assignment 17-2755-US-CIP#page8.tif RECEIPT INFORMATION **EPAS ID:** PAT5966253 **Receipt Date:** 02/17/2020

PATENT

REEL: 051969 FRAME: 0018020, 10:39 AM

Docket No. 17-2755-US-CIP

ASSIGNMENT

WHEREAS, Sarah Mecklem, residing at Brisbane QLD, Australia; Brendan Williams, residing at Brisbane QLD, Australia; Darcy Davidson, residing at Dallesport, WA; John Benton, residing at Hoodriver, OR; Lennon R. Cork, residing at Hoodriver, OR and Peter Popenoe, residing at White Salmon, WA; (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled AN AIRCRAFT DETECT AND AVOID GAUGE for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor 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 N. Riverside Plaza, Chicago, Illinois 60606-1596, with a mailing address of 100 N. Riverside Plaza, Chicago, Illinois 60606-1596, 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, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, its 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 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 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.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Assignor's interest in 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.

Assignor authorizes and directs any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

IN TESTIMONY WHEREOF, I/we have signed this Assignment on the date(s) specified below.

J. Meeller	W-Feb-2020
Sarah Mecklem	Date
M.L. 6. C.M.	12 feb 2020
Brendan P. Williams	Date
Darcy Davidson	Date
John Benton	11 Feb 2020
John Benton	Date
Lenson R. Cork	Date
Peter Ponence	Date

Docket No. 17-2755-US-CIP

ASSIGNMENT

WHEREAS, Sarah Mecklem, residing at Brisbane QLD, Australia; Brendan Williams, residing at Brisbane QLD, Australia; Darcy Davidson, residing at Dallesport, WA; John Benton, residing at Hoodriver, OR; Lennon R. Cork, residing at Hoodriver, OR and Peter Popenoe, residing at White Salmon, WA; (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled AN AIRCRAFT DETECT AND AVOID GAUGE for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor 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 N. Riverside Plaza, Chicago, Illinois 60606-1596, with a mailing address of 100 N. Riverside Plaza, Chicago, Illinois 60606-1596, 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, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, its 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 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 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.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Assignor's interest in 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.

Assignor authorizes and directs any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

IN TESTIMONY WHEREOF, I/we have signed this Assignment on the date(s) specified below.

Sarah Mecklem	Date
Brendan P. Williams	Date
Darcy Davidson	<u>2202-12-</u> 202 Date
John Benton	Date
Lennon R. Cork	Date
Peter Popenoc	Date

Docker No. 17-2755-US-CIP

ASSIGNMENT

WHEREAS, Sarah Mecklem, residing at Brisbane QLD, Australia; Brendan Williams, residing at Brisbane QLD, Australia; Darcy Davidson, residing at Dallesport, WA; John Benton, residing at Hoodriver, OR; Lennon R. Cork, residing at Hoodriver, OR and Peter Popenoe, residing at White Salmon, WA; (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled AN AIRCRAFT DETECT AND AVOID GAUGE for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor concurrently herewith;

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, its 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 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. Assignce 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 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.

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Docker No. 17-2755-US-CIP

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IN TESTIMONY WHEREOF, I/we have signed this Assignment on the date(s) specified below.

Sarah Mecklem	Date
Brendan P. Williams	Date
Darcy Davidson	Date
John Benton	Date
Lorenza de la financia.	2/12/2020
Lennon R. Cork	Date
Peter Popenoe	Date

ASSIGNMENT

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Sarah Mecklem	Date
Brendan P. Williams	
Darcy Davidson	Date
John Benton	Date
Lennon R. Cork	Date
Peter Barton Popenoe	February 11, 2020
Peter Popenoe	Date

ASSIGNMENT

PATENT REEL: 051969 FRAME: 0026

RECORDED: 02/18/2020