PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID GOZALVEZ SERRANO	06/13/2017
ADRIAN POSSELT	06/13/2017
SEBASTIAN ZIMMERMANN	08/02/2017

RECEIVING PARTY DATA

Name:	BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT
Street Address:	PETUELRING 130
City:	MUENCHEN
State/Country:	GERMANY
Postal Code:	80809

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15662881

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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: 949-263-8400

Email: dmoroz@crowell.com, docketstaff@crowell.com

Correspondent Name: CROWELL & MORING LLP

Address Line 1: INTELLECTUAL PROPERTY GROUP

Address Line 2: P.O. BOX 14300

Address Line 4: WASHINGTON, D.C. 20044-4300

ATTORNEY DOCKET NUMBER:	080437.70342US
NAME OF SUBMITTER:	JONATHAN M. LINDSAY
SIGNATURE:	/Jonathan Lindsay/
DATE SIGNED:	08/24/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 043389 FRAME: 0005

EPAS ID: PAT4564967

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PATENT REEL: 043389 FRAME: 0006 Title of Invention:

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

litle of Invention:	Application-Controlled Geo-Beamforming
the application i PCT Internation	eclaration are directed to (check one): dentified above by the attorney docket no. and title of invention al Application Number PCT/EP2016/051505, filed January 26, 2016 pplication No
	ASSIGNMENT
For good and valuable of below named inventor I	consideration, the receipt and sufficiency of which are hereby acknowledged, as a large sold and assigned, and by these presents hereby sell and assign, unto:
Name of Assignee:	Bayerische Motoren Werke Aktiengesellschaft
Address of Assignee:	Petuelring 130 Muenchen, Germany 80809
and to the above-identificontinuations thereof, a such application or for senjoyed by said ASSIG	E) all my right, title and interest for the United States, its territories and possessions in fied invention and United States patent application, including any and all divisions or nd in and to any and all Letters Patent of the United States which may issue on any said invention, including any and all reissues or extensions thereof, to be held and NEE, its successors or assigns to the full end of the term or terms for which any and all be granted as fully and entirely as would have been held and enjoyed by me had this ade.
I hereby authorize and r Letters Patent to said A	request the Director of the U.S. Patent and Trademark Office to issue any and all such SSIGNEE, its successors or assigns in accordance herewith.
I warrant and covenant and assigned and that I herewith.	that I have the full and unencumbered right to sell and assign the interests herein sold have not executed and will not execute any document or instrument in conflict
or assigns all information and deliver any papers, acts deemed necessary of perfect title to said investall Letters Patent which ASSIGNEE, its successions.	gree that I will communicate to said ASSIGNEE, its successors, legal representatives on known to me relating to said invention or patent application and that I will execute make all rightful oaths, testify in any legal proceedings and perform all other lawful or desirable by said ASSIGNEE, its successors, legal representatives or assigns to action, to said application including divisions and continuations thereof and to any and may be granted therefor or thereon, including reissues or extensions, in said ors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or essuing or enforcing Letters Patent of the United States for said invention.
	DECLARATION
As a below named inver	ntor. I hereby declare that

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: Inventor:

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	Application-Controlled Geo-Beamforming
the application in PCT Internation	claration are directed to (check one): dentified above by the attorney docket no. and title of invention al Application Number PCT/EP2016/051505, filed January 26, 2016 oplication No, filed
	ASSIGNMENT
For good and valuable of below named inventor l	consideration, the receipt and sufficiency of which are hereby acknowledged, as a have sold and assigned, and by these presents hereby sell and assign, unto:
Name of Assignee:	Bayerische Motoren Werke Aktiengesellschaft
Address of Assignce:	Petuelring 130 Muenchen, Germany 80809
and to the above-identificontinuations thereof, a such application or for enjoyed by said ASSIG	E) all my right, title and interest for the United States, its territories and possessions in fied invention and United States patent application, including any and all divisions or and in and to any and all Letters Patent of the United States which may issue on any said invention, including any and all reissues or extensions thereof, to be held and NEE, its successors or assigns to the full end of the term or terms for which any and all be granted as fully and entirely as would have been held and enjoyed by me had this ade.
	equest the Director of the U.S. Patent and Trademark Office to issue any and all such SSIGNEE, its successors or assigns in accordance herewith.
	that I have the full and unencumbered right to sell and assign the interests herein sold have not executed and will not execute any document or instrument in conflict
or assigns all informatic and deliver any papers, acts deemed necessary of perfect title to said inve- all Letters Patent which ASSIGNEE, its success	gree that I will communicate to said ASSIGNEE, its successors, legal representatives on known to me relating to said invention or patent application and that I will execute make all rightful oaths, testify in any legal proceedings and perform all other lawful or desirable by said ASSIGNEE, its successors, legal representatives or assigns to nation, to said application including divisions and continuations thereof and to any and may be granted therefor or thereon, including reissues or extensions, in said ors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or essuing or enforcing Letters Patent of the United States for said invention.
	DECLARATION
As a below named inver	ntor, I hereby declare that:
The above-identified ap	plication was made or authorized to be made by me.
I believe that I am the o	riginal inventor or an original joint inventor of a claimed invention in the application.
1001 by fine or imprison	nat any willful false statement made in this declaration is punishable under 18 U.S.C. nament of not more than five (5) years, or both.
Signature: Adrian	POSSELT DATE

DCACTIVE-40857598.1

PATENT REEL: 043389 FRAME: 0008

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	Application-Controlled Geo-Beamforming	
the application PCT Internation	eclaration are directed to (check one): identified above by the attorney docket no. and title of invention nal Application Number PCT/EP2016/051505, filed January 26, 2016 pplication No, filed	
	<u>ASSIGNMENT</u>	
	consideration, the receipt and sufficiency of which are hereby acknowledged, as a I have sold and assigned, and by these presents hereby sell and assign, unto:	
Name of Assignee:	Bayerische Motoren Werke Aktiengesellschaft	
Address of Assignee:	Petuelring 130 Muenchen, Germany 80809	
and to the above-identi	E) all my right, title and interest for the United States, its territories and possessions fied invention and United States patent application, including any and all divisions or and in and to any and all letters Patent of the United States which may issue on any	

continuations thereof, and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith.

I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.

DECLARATION

As a below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: Inventor:

Sebastian ZIMMERMANN

08/02/2017

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DCACTIVE-40857598.1

PATENT REEL: 043389 FRAME: 0009