PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT7804033

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORMAN BEAMISH	03/16/2021
ROBERT RONAN	03/19/2021
GRAHAM SMITH	03/16/2021

RECEIVING PARTY DATA

Name:	U-BLOX AG
Street Address:	ZUERCHERSTRASSE 68
City:	THALWIL
State/Country:	SWITZERLAND
Postal Code:	CH-8800

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17206640

CORRESPONDENCE DATA

Fax Number: (202)408-4400

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.

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Correspondent Name: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP

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ATTORNEY DOCKET NUMBER: 14588.0047-00000	
NAME OF SUBMITTER:	SYLVIA LOPEZ
SIGNATURE:	/SYLVIA LOPEZ/
DATE SIGNED:	02/17/2023

Total Attachments: 6

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PATENT 507756899 REEL: 062736 FRAME: 0072

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SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 14588.0047-00000

ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

WHEREAS I, the below named inventor, (hereinafter referred to as Assignor), of a claimed invention in an application for United States Letters Patent entitled:

METHODS AND APPARATUS FOR TRANSMITTING SIGNALS

☐ filed herewith and/or ☒ was filed on № No. 9453); and	larch 19, 2021 as United States Application No. <u>17/206,640</u> (Confirmation
WHEREAS,	u-blox AG
a corporation of	SWITZERLAND
whose post office address is	ZUERCHERSTRASSE 68
	CH-8800 THALWIL, SWITZERLAND

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and I hereby authorize and request any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

As a named inventor below, I hereby declare that: (1) This declaration is directed to the above-identified application; (2) the above-identified application was made or authorized to be made by me; (3) my residence and mailing address are as stated below next to my name; and (4) I believe I am an original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statements made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under section 1001 of Title 18 of the United States Code.

As a below named inventor, I have reviewed and understand the contents of the application, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

FULL NAME OF SOLE OR FIRST ASSIGNOR Norman Beamish	ASSIGNOR'S SIGNATURE	DATE 16/Mar/2021
MAILING ADDRESS c/o u-blox AG ZUERCHERSTRASSE 68, CH-8800 THALV	RESIDENCE Ireland	
2. FULL NAME OF SOLE OR SECOND ASSIGNOR Robert Ronan	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS c/o u-blox AG ZUERCHERSTRASSE 68, CH-8800 THALV	RESIDENCE	
3. FULL NAME OF SOLE OR THIRD ASSIGNOR Graham Smith	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS c/o u-blox AG ZUERCHERSTRASSE 68, CH-8800 THALWIL, SWITZERLAND		RESIDENCE

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☑ filed herewith and/or ☐ was filed on No); and	as United States Application No (Confi	irmation
WHEREAS,	u-blox AG	
a corporation of	SWITZERLAND	***********
whose post office address is	ZUERCHERSTRASSE 68 CH-8800 THALWIL, SWITZERLAND	

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and I hereby authorize and request any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

As a named inventor below, I hereby declare that: (1) This declaration is directed to the above-identified application; (2) the above-identified application was made or authorized to be made by me; (3) my residence and mailing address are as stated below next to my name; and (4) I believe I am an original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statements made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under section 1001 of Title 18 of the United States Code.

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MAILING ADDRESS c/o u-blox AG ZUERCHERSTRASSE 68, CH-8800 THALV	VIL, SWITZERLAND	RESIDENCE
2. FULL NAME OF SOLE OR SECOND ASSIGNOR Robert Ronan	ASSIGNOR'S SIGNATURE READER READER	19/3/21
MAILING ADDRESS c/o u-blox AG ZUERCHERSTRASSE 68, CH-8800 THALV	RESIDENCE Ireland	
3. FULL NAME OF SOLE OR THIRD ASSIGNOR Graham Smith	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS c/o u-blox AG ZUERCHERSTRASSE 68, CH-8800 THALWIL, SWITZERLAND		RESIDENCE

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☑ filed herewith and/or ☐ was filed on No); and	as United States Application No (Confirmation
WHEREAS,	u-blox AG
a corporation of	SWITZERLAND
whose post office address is	ZUERCHERSTRASSE 68 CH-8800 THALWIL, SWITZERLAND

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and I hereby authorize and request any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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As a named inventor below, I hereby declare that: (1) This declaration is directed to the above-identified application; (2) the above-identified application was made or authorized to be made by me; (3) my residence and mailing address are as stated below next to my name; and (4) I believe I am an original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statements made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under section 1001 of Title 18 of the United States Code.

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MAILING ADDRESS c/o u-blox AG ZUERCHERSTRASSE 68, CH-8800 THAL\	WIL, SWITZERLAND	RESIDENCE
3. FULL NAME OF SOLE OR THIRD ASSIGNOR Graham Smith	ASSIGNOR'S SIGNATURE Graham Paul Smith	16/March/2021
MAILING ADDRESS c/o u-blox AG ZUERCHERSTRASSE 68, CH-8800 THAL\	WIL, SWITZERLAND	RESIDENCE United Kingdom

PATENT REEL: 062736 FRAME: 0079

RECORDED: 02/17/2023