

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6234665

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the SIGNATURE INFORMATION FOR THE ASSIGNEE previously recorded on Reel 050269 Frame 0925. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS' INTEREST.	
<b>RESUBMIT DOCUMENT ID:</b>	505909142	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	NORMAN BEAMISH	08/16/2019
	MICI MCCULLAGH	08/30/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	U-BLOX AG	
<b>Street Address:</b>	ZUERCHERSTRASSE 68	
<b>City:</b>	THALWIL	
<b>State/Country:</b>	SWITZERLAND	
<b>Postal Code:</b>	8800	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16557828	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(202)408-4400	
<i>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.</i>		
<b>Phone:</b>	202-408-4000	
<b>Email:</b>	faxserve@finnegan.com	
<b>Correspondent Name:</b>	FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP	
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<b>Address Line 4:</b>	WASHINGTON, D.C. 20001	
<b>ATTORNEY DOCKET NUMBER:</b>	14588.0025-00000	
<b>NAME OF SUBMITTER:</b>	MARIA MIRRA	
<b>SIGNATURE:</b>	/Maria Mirra/	
<b>DATE SIGNED:</b>	08/04/2020	
<b>Total Attachments: 5</b>		
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**PATENT**

**REEL: 053403 FRAME: 0503**

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5701861

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	NORMAN BEAMISH	08/16/2019
	MICI MCCULLAGH	08/30/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	U-BLOX AG	
<b>Street Address:</b>	ZUERCHERSTRASSE 68	
<b>City:</b>	THALWIL	
<b>State/Country:</b>	SWITZERLAND	
<b>Postal Code:</b>	8800	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16557828
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(202)408-4400	
<i>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.</i>		
<b>Phone:</b>	202-408-4000	
<b>Email:</b>	faxserve@finnegan.com	
<b>Correspondent Name:</b>	FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER	
<b>Address Line 1:</b>	901 NEW YORK AVENUE, NW	
<b>Address Line 4:</b>	WASHINGTON, D.C. 20001	
<b>ATTORNEY DOCKET NUMBER:</b>	14588.0025-00000	
<b>NAME OF SUBMITTER:</b>	MARIA MIRRA	
<b>SIGNATURE:</b>	/Maria Mirra/	
<b>DATE SIGNED:</b>	09/04/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 3</b>		
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## 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:

### DISCRETE TIME SUPERHETERODYNE MIXER

☐ filed herewith and/or ☒ was filed on August 30, 2019 as United States Application No. 16/557,828  
(Confirmation No. 3335 ) and

WHEREAS,  
a corporation of

u-blox AG  
SWITZERLAND

whose post office address is

ZUERCHERSTRASSE 68  
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.

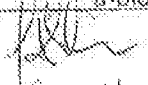
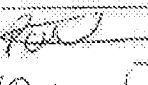
As a named inventor below, I hereby declare that: (1) This declaration is directed to the above-identified application; (2) the above-identified application was made or authorized to be made by me; (3) my residence and mailing address are as stated below next to my name; and (4) I believe I am an original 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.

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 14588.0025-00000

1. FULL NAME OF FIRST ASSIGNOR <b>Norman BEAMISH</b>	ASSIGNOR'S SIGNATURE 	DATE Aug-18-2018
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2. FULL NAME OF SECOND ASSIGNOR <b>Mici McCULLAGH</b>	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE (City and Country)

Assignee Name: u-blox AG  
Signature:    
Printed Name: Tari Schnitzer / Roland Zuch  
Corporate Title: General Counsel / CFO  
Date: 17<sup>th</sup> December 2019 / 17<sup>th</sup> December 2019

1. FULL NAME OF FIRST ASSIGNOR Norman BEAMISH	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE (City and Country)

2. FULL NAME OF SECOND ASSIGNOR Mici McCULLAGH	ASSIGNOR'S SIGNATURE <i>M.J. McCullagh</i>	DATE Aug-30-2019
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Assignee Name:

u-blox AG

Signature:

*[Signature]*

Printed Name:

Man Schmitzer / Roland Juch

Corporate Title:

General Counsel / CFO

Date:

14<sup>th</sup> December 2019 / 11<sup>th</sup> December 2019



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

June 10, 2020

PTAS

FINNEGAN, HENDERSON, FARABOW, GARRETT  
& DUNNER LLP  
901 NEW YORK AVENUE, NW  
WASHINGTON, DC 20001



505909142

United States Patent and Trademark Office  
Notice of Non-Recordation of an Assignment Document

The enclosed document has been examined and found non-recordable by the Assignment Recordation Branch of the U.S. Patent and Trademark Office. The reason(s) for non-recordation are stated below:

1. The document submitted to correct errors in the previously recorded document is not acceptable. To correct an error in the recorded document, you must file a new cover sheet stating the error and the nature of conveyance, attach the previously recorded cover sheet which contains the error and the supporting document and pay the recording fees as set forth in 37 C.F.R. §3.34

Documents being resubmitted for recordation must reflect the corrected information to be recorded, the Document ID number referenced above and all pages from this submitted document. The original date of filing of this assignment document will be maintained if resubmitted with the appropriate correction(s) by **Monday, August 10, 2020**, as outlined under 37 CFR 3.51. The resubmitted document must include a stamp with the official date of receipt under 37 CFR 3. Applicants may use the certified procedures under 37 CFR 1.8 or 1.10 for resubmission of the returned papers if they desire to have the benefit of the date of deposit in the United States Postal Service.

To file the resubmission electronically, navigate to the EPAS website at <http://epas.uspto.gov>, click the Start Resubmission button and enter the following information:

**Document ID: 505909142**

**Access Code: G2TUPZ1UUM6NZ3L**

To file the resubmission in paper, send documents to: U.S. Patent and Trademark Office, Mail Stop: Assignment Recordation Branch, P.O. BOX 1450, Alexandria, VA 22313. If you have any questions regarding this notice, you may contact the Assignment Recordation Branch at 571-272-3350.

CHARLENE HERBERT  
ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION