

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5588108

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE NAME previously recorded on Reel 043433 Frame 0829. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HAMPUS TENGFJORD	01/22/2015
JONATAN ERIKSSON	01/21/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASCOM (SWEDEN) AB
<b>Street Address:</b>	BOX 8783
<b>City:</b>	GÖTEBORG
<b>State/Country:</b>	SWEDEN
<b>Postal Code:</b>	402 76
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15532269
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(978)341-0136
<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>	978-341-0036
<b>Email:</b>	jill.gaw@hbsr.com
<b>Correspondent Name:</b>	ALEXANDER ADAM, PH.D.
<b>Address Line 1:</b>	HAMILTON, BROOK SMITH & REYNOLDS, P.C.
<b>Address Line 2:</b>	530 VIRGINIA ROAD, P.O. BOX 9133
<b>Address Line 4:</b>	CONCORD, MASSACHUSETTS 01742-9133
<b>ATTORNEY DOCKET NUMBER:</b>	5435.1000-001
<b>NAME OF SUBMITTER:</b>	JILLIAN GAW
<b>SIGNATURE:</b>	/Jillian Gaw/
<b>DATE SIGNED:</b>	06/24/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 3</b>	
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4570547

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JONATAN ERIKSSON	01/21/2015
HAMPUS TENGFJORD	01/22/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASCOM SWEDEN AB
<b>Street Address:</b>	BOX 8783
<b>City:</b>	GÖTEBORG
<b>State/Country:</b>	SWEDEN
<b>Postal Code:</b>	402 76
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15532269
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(978)341-0136
<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>	978-341-0036
<b>Email:</b>	carrie.howder@hbsr.com
<b>Correspondent Name:</b>	JAMES M. SMITH
<b>Address Line 1:</b>	530 VIRGINIA ROAD, P.O. BOX 9133
<b>Address Line 2:</b>	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
<b>Address Line 4:</b>	CONCORD, MASSACHUSETTS 01742-9133
<b>ATTORNEY DOCKET NUMBER:</b>	5435.1000-001
<b>NAME OF SUBMITTER:</b>	CARRIE L. HOWDER
<b>SIGNATURE:</b>	/Carrie L. Howder/
<b>DATE SIGNED:</b>	08/29/2017
<b>Total Attachments: 1</b>	
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# PATENT ASSIGNMENT

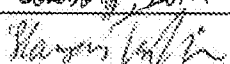
Hampus Tengfjord and Jonatan Eriksson are hereinafter referred to as the assignors.

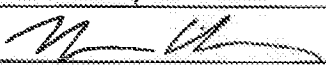
ASCOM(Sweden)AB, Box 8783, 402 76 GÖTEBORG is hereinafter referred to as the assignee.

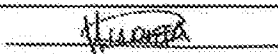
Said assignors have assigned to said assignee the entire rights to an invention related to "METHOD AND SYSTEM FOR ESTIMATING RELATIVE ANGLE BETWEEN HEADINGS" defined in the PCT Application No. PCT/SE2014/051437, including all rights to the invention without territorial limitation, including the right to file applications claiming priority from the mentioned patent application, and including all rights to damages as a result of infringement of the rights that may have occurred before the effective date of this Assignment.

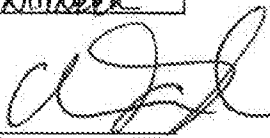
Any consideration in connection with this Assignment is subject to a separate document.

On request the assignors and the assignee undertake free of charge to execute and to sign all documents that may be needed to prove this Assignment.

Assignor: Hampus Tengfjord	
Place and date:	Göteborg, 2014-01-22
Signature:	
Name in block letters:	Hampus Tengfjord

Assignor: Jonatan Eriksson	
Place and date:	Lund, Sweden 2015-01-21
Signature:	
Name in block letters:	Jonatan Eriksson

Assignee: Ascom Sweden AB	
Place and date:	GÖTEBORG, SWEDEN 2014-12-03
Signature:	
Name and title in block letters:	JOSÉ LUIS MENDOTA, PATENT ENGINEER

Signed:   
Claes Odman  
Chief Operating Officer  
Date: 29 May, 2014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Hampus Tengfjord, Jonatan Eriksson  
Application No.: 15/532,269 Group: 2857  
Filed: December 3, 2014 Examiner: Schechter, Andrew M.  
Confirmation No: 7969  
For: Method And System For Estimating Relative Angle Between Headings

DECLARATION OF CLAES ÖDMAN

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I, Claes Ödman declare that I am the Chief Operating Officer of Ascom (Sweden) AB, the proper name of the Assignee of the above-referenced application. Co-inventors Hampus Tengfjord and Jonatan Eriksson have executed an Assignment to assign rights in the above-referenced application to the Assignee. The executed Assignment includes typographical errors, incorrectly identifying the name of the Assignee as "Ascom Sweden AB" without parentheses. As an officer of the Assignee, I respectfully request that the name of the Assignee be corrected to read "Ascom (Sweden) AB". Attached herewith is a Corrective Assignment which consists of the original executed Assignment having the name of the Assignee corrected to now correctly read "Ascom (Sweden) AB". My signature with date as Chief Operating Officer of Ascom (Sweden) AB is provided next to the corrections.

I declare and state that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

Signed: 

Claes Ödman

Chief Operating Officer of Ascom (Sweden) AB

Date:

*Gothenburg*  
*24 May, 2019*