### PATENT ASSIGNMENT COVER SHEET

## Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2665432

SUBMISSION TYPE:		CORRECTIVE ASSIGNME	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYANCE:		Reel 031733 Frame 0282. A	Corrective Assignment to correct the ASSIGNEE NAME previously recorded on Reel 031733 Frame 0282. Assignor(s) hereby confirms the ASSIGNEE NAME SHOULD READ "DEUTSCHES ZENTRUM FUER LUFT- UND RAUMFAHRT E.V.".		
CONVEYING PART	TY DATA				
		Name	Execution Date		
JOERG BEHRENS	6		10/21/2013		
KLAUS WERNER			10/21/2013		
LARS-CHRISTIAN	HAUER		10/21/2013		
TONY DELOVSKI			10/21/2013		
Name:	DEUTSCHE	DEUTSCHES ZENTRUM FUER LUFT- UND RAUMFAHRT E.V.			
Name:		DEUTSCHES ZENTRUM FUER LUFT- UND RAUMFAHRT E.V.			
Street Address:					
City:	KOELN				
State/Country:	GERMANY				
Postal Code:	51147	51147			
PROPERTY NUMB	ERS Total: 1				
Property	′ Туре	Nu	Number		
Application Number	er:	14004431	4004431		
CORRESPONDEN	CE DATA				
Fax Number: (703)787-7557					
Fax Number:   (703)787-7557     Phone:   7037879400					
Email:		er@wcc-ip.com			
		Mail when the email attempt is unsu			
Correspondent Nan		THAM, CURTIS, CHRISTOFFERSC	N & COOK,		
Address Line 1:		91 SUNSET HILLS ROAD			
Address Line 2: Address Line 4:		ΓΕ 340 ΤΟΝ, VIRGINIA 20190			
NAME OF SUBMITTER:		MICHAEL E. WHITHAM			
			PATENT		
502618823		II	REEL: 031910 FRAME: 0742		

## REEL: 031910 FRAME: 0742

Signature:	/Michael E. Whitham/				
Date:	01/02/2014				
Total Attachments: 4 source=03100872us_corrassgn#page1.tif source=03100872us_corrassgn#page2.tif source=03100872us_corrassgn#page3.tif source=03100872us_corrassgn#page4.tif					



United States Patent and Trademark Office

Home | Site Index | Search | Guides | Contacts | eBusiness | eBiz alerts | News | Help



Electronic Patent Assignment System

# **Confirmation Receipt**

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CO	NVEYANCE:	ASSIGNMENT	
CONVEYING PA	ARTY DATA		
	N	ame	Execution Date
JOERG BEHRENS			10/21/2013
KLAUS WERNER			10/21/2013
LARS-CHRISTIAN HAUER			10/21/2013
TONY DELOVSKI			10/21/2013
Name:	DEUTSCHES Z	ENTRUM FUER LUFT- U	JND RAUMFAHRTY E.V.
Name: Street Address:	DEUTSCHES Z		JND RAUMFAHRTY E.V.
Street Address: City:	LINDER HOEH KOELN		JND RAUMFAHRTY E.V.
Street Address: City: State/Country:	LINDER HOEH KOELN GERMANY		JND RAUMFAHRTY E.V.
Street Address: City:	LINDER HOEH KOELN		JND RAUMFAHRTY E.V.
Street Address: City: State/Country:	LINDER HOEH KOELN GERMANY 51147		JND RAUMFAHRTY E.V.
Street Address: City: State/Country: Postal Code:	LINDER HOEH KOELN GERMANY 51147 IBERS Total: 1	IE	JND RAUMFAHRTY E.V.

CORRESPONDENCE DATA					
Fax Number: (703)787-7557   Phone: 703-787-9400   Email: walter@wcc-ip.com   Correspondence will be sent via US Mail when the email attempt is unsuccessful.   Correspondent Name: WHITHAM, CURTIS & CHRISTOFFERSON & COOK,   Address Line 1: 11491 SUNSET HILLS ROAD   Address Line 2: SUITE 340   Address Line 4: RESTON, VIRGINIA 20190					
ATTORNEY DOCKET NUMBER:	03100872US				
NAME OF SUBMITTER:	MICHAEL E. WHITHAM				
Signature:	/Michael E. Whitham/				
Date:	12/06/2013				
Total Attachments: 2 source=03100872us_assgn#page1.tif source=03100872us_assgn#page2.tif					
RECEIPT INFORMATION EPAS ID: PAT2640022					
EPAS ID:   PAT2640022     Receipt Date:   12/06/2013     Fee Amount:   \$40					

## Return to home page

| .HOME | INDEX | SEARCH | eBUSINESS | CONTACT US | PRIVACY STATEMENT

ATTORNEY DOCKET: 03100872US

#### ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT

#### WHEREAS:

NAME AND ADDRESS OF ASSIGNOR:

TITLE OF INVENTION:

FULL NAME AND ADDRESS OF ASSIGNEE: Jörg BEHRENS of Bremen, Germany; Klaus WERNER of Schwulper, Germany; Lars-Christian HAUER of Bremen, Germany; AND Tony DELOVSKI of Bremen, Germany;

(Hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

#### SATELLITE HAVING A PLURALITY OF DIRECTIONAL ANTENNAS FOR TRANSMITTING AND/OR RECEIVING AIR-TRAFFIC CONTROL RADIO SIGNALS

(hereinafter referred to as INVENTION) for which application for Letters Patent of the United States was filed September 11, 2013, and was accorded Serial No. 14/004,431, and is based on PCT/EP2012/054117 filed March 9, 2012, and;

WHEREAS:

Deutsches Zentrum für Luft- und Raumfahrt e. V. Linder Höhe 51147 Köln GERMANY

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that good and valuable consideration from ASSIGNEB to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNBE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

(page 1 of 2)

PATENT REEL: 031910 FRAME: 0746 ASSIGNOR hereby covenants that no assignment, sale, agreement or encuratrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to

ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

ASSIGNOR further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for the aforesaid INVENTION as the ASSIGNEE or its designee(s) may from time to time require and prepare at its own expense.

ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue on said INVENTION to said ASSIGNEE, as assignce of the whole right, title and interest thereto.

IN WITNESS WHEREOF, I/We have bereunto set hand and seal

71- 10, 7013 Date

Jöre BEHRENS

21. 10. 2013 Date

21.10.2013

Klaus WERNER

Date

211.101.13 Date

· Þ Tony DELOVSKI

(page 2 of 2)

Lars-Christian HAUER

PATENT REEL: 031910 FRAME: 0747

**RECORDED: 01/02/2014**