

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2640022

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JOERG BEHRENS</td> <td>10/21/2013</td> </tr> <tr> <td>KLAUS WERNER</td> <td>10/21/2013</td> </tr> <tr> <td>LARS-CHRISTIAN HAUER</td> <td>10/21/2013</td> </tr> <tr> <td>TONY DELOVSKI</td> <td>10/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	JOERG BEHRENS	10/21/2013	KLAUS WERNER	10/21/2013	LARS-CHRISTIAN HAUER	10/21/2013	TONY DELOVSKI	10/21/2013
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CORRESPONDENCE DATA											
<p>Fax Number: (703)787-7557</p> <p>Phone: 703-787-9400</p> <p>Email: walter@wcc-ip.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: WHITHAM, CURTIS & CHRISTOFFERSON & COOK,</p> <p>Address Line 1: 11491 SUNSET HILLS ROAD</p> <p>Address Line 2: SUITE 340</p> <p>Address Line 4: RESTON, VIRGINIA 20190</p>											
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	

ATTORNEY DOCKET: 03100872US

**ASSIGNMENT OF APPLICATION
FOR UNITED STATES PATENT**

WHEREAS:

NAME AND ADDRESS
OF ASSIGNOR:

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:

TITLE OF INVENTION:

**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:

FULL NAME AND ADDRESS
OF ASSIGNEE:

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 ASSIGNEE to
ASSIGNOR, the receipt of which is hereby acknowledged,
ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE 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.

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ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance 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 assignee of the whole right, title and interest thereto.

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

71. 10. 2013

Date


Jörg BEHRENS

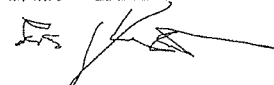
21.10.2013

Date

21.10.2013


Klaus WERNER

Date


Lars-Christian HAUER

21.10.13

Date


Tony DELOVSKI

(page 2 of 2)