

PATENT ASSIGNMENT

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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>Veit OEHLER</td> <td>08/13/2012</td> </tr> <tr> <td>Michael Voith VON VOITHENBERG</td> <td>08/13/2012</td> </tr> <tr> <td>Julian STEFFES</td> <td>08/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Veit OEHLER	08/13/2012	Michael Voith VON VOITHENBERG	08/13/2012	Julian STEFFES	08/13/2012
Name	Execution Date								
Veit OEHLER	08/13/2012								
Michael Voith VON VOITHENBERG	08/13/2012								
Julian STEFFES	08/13/2012								
RECEIVING PARTY DATA									
Name:	Astrium GmbH								
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City:	Taufkirchen								
State/Country:	GERMANY								
Postal Code:	81024								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13491668</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13491668				
Property Type	Number								
Application Number:	13491668								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Stephen W. Palan								
Total Attachments: 1 source=64496US_ASSIGNMENT_1#page1.tif									

OP \$40.00 13491668

PATENT

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Astrium GmbH
Robert-Koch-Str. 1
81024 Taufkirchen
Germany

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

Near Field Navigation System

as set forth in his United States Patent Application (check one):

- executed concurrently herewith.
- executed on
- Application No. 13/491,668 filed June 8, 2012,
- PCT International Application No. filed.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made:

Each of the undersigned hereby authorizes and requests the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith.

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith.

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted thereby or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, prosecuting or enforcing Letters Patent of the United States for said invention.

Each of the undersigned hereby grants the firm of CROWELL & MORING LLP, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recording of this Assignment.

Signature
Inventor one:

Veit Oehler
Veit OEHLER

13.08.2012
DATE

Signature
Inventor two:

Michael v. Voith
Michael Voith Von VOITHENBERG

13.08.2012
DATE

Signature
Inventor three:

Julia Steffes
Julia STEFFES

13. 8. 2012
DATE