

PATENT ASSIGNMENT

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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT						
NATURE OF CONVEYANCE:	Corrective Assignment to correct the conveying party data to identify the second inventor who was not identified in the notice previously recorded on Reel 021610 Frame 0835. Assignor(s) hereby confirms the name of the second inventor as listed in the attached Assignment.						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Bernhard GRAFMUELLER</td><td>07/30/2008</td></tr><tr><td>Christoph SCHAEFER</td><td>07/30/2008</td></tr></tbody></table>	Name	Execution Date	Bernhard GRAFMUELLER	07/30/2008	Christoph SCHAEFER	07/30/2008	
Name	Execution Date						
Bernhard GRAFMUELLER	07/30/2008						
Christoph SCHAEFER	07/30/2008						
RECEIVING PARTY DATA							
Name:	Astrium GMBH						
Street Address:	.						
City:	Muenchen						
State/Country:	GERMANY						
Postal Code:	D-81663						
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>12158538</td></tr></tbody></table>	Property Type	Number	Application Number:	12158538			
Property Type	Number						
Application Number:	12158538						
CORRESPONDENCE DATA							
Fax Number: (703)716-1180 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone: 7037161191							
Email: rmueller@gbpatent.com							
Correspondent Name: Robert W. Mueller							
Address Line 1: 1950 Roland Clarke Place							
Address Line 4: Reston, VIRGINIA 20191							
ATTORNEY DOCKET NUMBER:	P34519						
NAME OF SUBMITTER:	Robert W. Mueller						
Total Attachments: 9 source=P34519_Assignment#page1.tif							

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PATENT
REEL: 026616 FRAME: 0781

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ASSIGNMENT

WHEREAS, **Bernhard GRAFMUELLER**, a citizen of Germany, whose post office address is Doebelestrasse 5a, 88677 Markorf, Germany, and **Christoph SCHAEFER**, a citizen of Germany, whose post office address is Hoher Weg 2/2, 88048 Friedrichshafen, Germany hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**HIGH-RESOLUTION SYNTHETIC APERTURE RADAR DEVICE AND ANTENNA
FOR ONE SUCH RADAR**

for which an application for Letters Patent in the United States entered the National Stage in the United States Patent and Trademark Office on June 20, 2008 and was awarded Application No. 12/158,538, and which Application is a National Stage of International Application No. PCT/DE2006/002279, filed December 20, 2006.

AND WHEREAS, **ASTRIUM GMBH**, a corporation organized and existing under the laws of Germany, whose post-office address is D-81663 Muenchen, Germany, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

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AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness:

X Christian Fischer
(Name) Christian Fischer

X July 30, 2008
(Date)

X Bernhard Grafmüller
Bernhard GRAFMUELLER

X July 30, 2008
DATE

Second Witness:

X C. Römer
(Name) Christian Römer

X July 30, 2008
(Date)

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IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness:

X Christin Fischer
(Name) Christina Fischer

X July 30, 2008
(Date)

X Christoph Schaefer
Christoph SCHAEFER

X July 30, 2008
DATE

Second Witness:

X C. Römer
(Name) Christian Römer

X July 30, 2008
(Date)

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UNITED STATES PATENT AND TRADEMARK OFFICE

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



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OCTOBER 01, 2008

PTAS

ROBERT W. MUELLER
1950 ROLAND CLARKE PLACE
RESTON, VA 20191

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/30/2008

REEL/FRAME: 021610/0835

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: P34519

ASSIGNOR:

GRAF MUELLER, BERNHARD

DOC DATE: 07/30/2008

ASSIGNEE:

ASTRIUM GMBH

MUENCHEN, GERMANY D-81663

SERIAL NUMBER: 12158538

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: HIGH-RESOLUTION SYNTHETIC APERTURE RADAR DEVICE AND ANTENNA FOR ONE SUCH RADAR

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ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT
REEL: 026616 FRAME: 0787

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bernhard GRAFMUELLER	07/30/2008
RECEIVING PARTY DATA	
Name:	ASTRIUM GMBH
Street Address:	.
City:	Muenchen
State/Country:	GERMANY
Postal Code:	D-81663
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12158538
CORRESPONDENCE DATA	
Fax Number:	(703)716-1180
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-716-1191
Email:	rwmueller@gbpatent.com
Correspondent Name:	Robert W. Mueller
Address Line 1:	1950 Roland Clarke Place
Address Line 4:	Reston, VIRGINIA 20191
ATTORNEY DOCKET NUMBER:	P34519
NAME OF SUBMITTER:	Robert W. Mueller
Total Attachments: 3 source=P34519_Assignment#page1.tif source=P34519_Assignment#page2.tif source=P34519_Assignment#page3.tif	

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