PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Holger Orawetz	05/27/2011
Matti Reppe	05/27/2011
York Caesar Roth	05/26/2011
Martin Latrille	07/18/2011

RECEIVING PARTY DATA

Name:	Airbus Operations GmbH
Street Address:	Kreetslag 10
City:	Hamburg
State/Country:	GERMANY
Postal Code:	21129

Name:	Airbus Operations SAS
Street Address:	316, Route de Bayonne
City:	Toulouse
State/Country:	FRANCE
Postal Code:	31060

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13124275

CORRESPONDENCE DATA

Fax Number: (617)849-5776

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 1: Lameystr. 5

PATENT

REEL: 026743 FRAME: 0270

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1		
Address Line 4: Mannheim, FEDERAL REPUBLIC GERMANY 68165		
ATTORNEY DOCKET NUMBER:	ABS-003-NUS	
NAME OF SUBMITTER:	Christopher Frerking	
Total Attachments: 12 source=AssignmentOrawetzReppeSigned#page1.tif source=AssignmentOrawetzReppeSigned#page2.tif source=AssignmentOrawetzReppeSigned#page3.tif source=AssignmentOrawetzReppeSigned#page4.tif source=AssignmentRothSigned#page1.tif source=AssignmentRothSigned#page2.tif source=AssignmentRothSigned#page3.tif source=AssignmentRothSigned#page4.tif source=AssignmentRothSigned#page4.tif source=AssignmentLatrilleSigned#page2.tif source=AssignmentLatrilleSigned#page2.tif source=AssignmentLatrilleSigned#page3.tif		

PATENT REEL: 026743 FRAME: 0271

Filing Date: 14 April 2011

Docket No.: ABS-003-NUS

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s): Holger ORAWETZ

Citizenship: DE Residence: DE Post Office Address: Dorfstrasse 20A 01257 Dresden Germany

Assignor(s): Matti REPPE

Citizenship: DE Residence: DE Post Office Address: Tolkewitzer Strasse 48 01277 Dresden Germany

Assignor(s): York Caesar ROTH

Citizenship: DE
Residence: GB
Post Office Address:
58 Seymour Avenue
Bristol BS79HN
United Kingdom

Assignor(s): Martin LATRILLE

Citizenship: DE Residence: FR Post Office Address:

Bat. D, App. 110 - 3 Rue Bobillot

31200 Toulouse

France

Assignee: Airbus Operations GmbH

Kreetslag 10 21129 Hamburg Germany

Assignee: Airbus Operations SAS

316, Route de Bayonne

31060 Toulouse

France

Filing Date: 14 April 2011

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
"HEATING SYSTEM HAVING AT LEAST ONE ELECTROTHERMAL HEATING LAYER, A
STRUCTURAL COMPONENT HAVING SUCH A HEATING LAYER, A HEATING METHOD

AND A METHOD FOR PRODUCING A SEMI-FINISHED COMPONENT OR A

COMPONENT HAVING A HEATING DEVICE" for which:

a n	on-provisional application for United States Letters Patent:
	was executed on even date preparatory to filing (each inventor should sign this
	Assignment on the same day as he/she signs the Declaration and Power of
	Attorney); or
	was filed on 14 April 2011 and accorded U.S. Serial No. 13/124,275; or
	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby
	authorizes and requests ASSIGNEE'S legal representatives, the attorneys
	associated with Customer No, to insert below in this document this
	APPLICATION's U.S. Serial Number and filing date, when known:
	U.S. Serial No.
	filed on

WHEREAS, ASSIGNEES (listed above), a German corporation and a French corporation are desirous of jointly acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

Filing Date: 14 April 2011

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEES their successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEES and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEES and their successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEES. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters

Date

Name: Holger ORAWETZ

patent, or for the purpose of protecting title to said invention or letters patent therefore.

Docket No.: ABS-003-NUS

27.05, 2611 Date	Name: Matti REPPE
Date	Name: York Caesar ROTH
Date	Name: Martin LATRILLE

Filing Date: 14 April 2011

Docket No.: ABS-003-NUS

Filing Date: 14 April 2011

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s): Holger ORAWETZ

Citizenship: DE Residence: DE Post Office Address: Dorfstrasse 20A 01257 Dresden Germany

Assignor(s): Matti REPPE

Citizenship: DE
Residence: DE
Post Office Address:
Tolkewitzer Strasse 48
01277 Dresden
Germany

Assignor(s): York Caesar ROTH

Citizenship: DE Residence: GB Post Office Address: 58 Seymour Avenue Bristol BS79HN United Kingdom

Assignor(s): Martin LATRILLE

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Bat. D, App. 110 - 3 Rue Bobillot

31200 Toulouse

France

Assignee: Airbus Operations GmbH

Kreetslag 10 21129 Hamburg

Germany

Assignee: Airbus Operations SAS

316, Route de Bayonne

31060 Toulouse

France

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AND A METHOD FOR PRODUCING A SEMI-FINISHED COMPONENT OR A

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a non-provisional application for United States Letters Patent:

was executed on even date preparatory to filing (each inventor should sign this

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Page 2 of 4

Filing Date: 14 April 2011

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEES their successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEES and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEES and their successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEES. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters

Date	Name:	Holger ORAWETZ

patent, or for the purpose of protecting title to said invention or letters patent therefore.

Filing Date: 14 April 2011	
Date	Name: Matti REPPE
2011-05-26 Date	Name: York Caesar ROTH
Date	Name: Martin LATRILLE

Docket No.: ABS-003-NUS

Filing Date: 14 April 2011

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Page 2 of 4

Filing Date: 14 April 2011

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ASSIGNEES their successors and assigns, the entire right, title and interest in and to said

invention and improvements, said application and any and all letters patent which may be

granted for said invention in the United States of America and its territorial possessions and

in any and all foreign countries, and in any and all divisions, reissues, re-examinations and

continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEES and to claim priority rights deriving from said United States application to which

said foreign applications are entitled by virtue of international convention, treaty or otherwise,

said invention, application and all letters patent on said invention to be held and enjoyed by

ASSIGNEES and their successors and assigns for their use and benefit and of their

successors and assigns as fully and entirely as the same would have been held and enjoyed

by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S)

hereby authorize and request the Commissioner of Patents and Trademarks to issue all

letters patent on said invention to ASSIGNEES. ASSIGNOR(S) agree to execute all

instruments and documents required for the making and prosecution of applications for

United States and foreign letters patent on said invention, for litigation regarding said letters

patent, or for the purpose of protecting title to said invention or letters patent therefore.

Date Name: Holger ORAWETZ

U.S. Patent Appln. No.: 13/124,275 Filing Date: 14 April 2011		Docket No.:	ABS-003-NUS
Date	Name:	Matti REPPE	
Date	Name:	York Caesar ROTH	
<u>_/2, 07, 20+1</u> Date	Name:	Martin LATRILLE	<u></u>