#### 502940430 08/19/2014

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2987028

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALEXANDRE BUISSON	04/22/2014
VALENTIN VINCENT	04/21/2014
PIERRE-XAVIER CATINAT	04/16/2014
VIRGINIE LE GALL	04/22/2014

### **RECEIVING PARTY DATA**

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:	14279418

#### CORRESPONDENCE DATA

Fax Number: (480)385-5061

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: docketing@ifllaw.com

INGRASSIA FISHER & LORENZ, P.C. **Correspondent Name:** 

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Address Line 4: SCOTTSDALE, ARIZONA 85253

ATTORNEY DOCKET NUMBER:	119.2008US
NAME OF SUBMITTER:	ERICA K. SCHAEFER
SIGNATURE:	/ERICA K. SCHAEFER, Reg. 55,861/
DATE SIGNED:	08/19/2014

#### **Total Attachments: 4**

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Attomey, Docket No.	Airbus Reference No. 08709 CSA
Title of the Invention ("Invention")	Method and device for automatically determining an optimized approach and/or descent profile
Legal Name of Inventor ("Inventor")	LE GALL Virginie
Assignee ("Assignee")	Airbus Operations SAS, incorporated or otherwise formed in Toulouse, France, and having a place of business at 316, Route de Bayonne; 31060 Toulouse; FRANCE
	DECLARATION
As named inventor, I hereby decla	are that:
This declaration is directed to:	
OR The attached Appli	
United States Appl	ication Number or PCT International Application Number
that the above-identified Application	on is/was made or authorized to be made by me;
that I believe I am the original inve	entor or an original joint inventor of a claimed invention in the above-identified Application; and
that I hereby acknowledge that an imprisonment of not more than five	ry willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or e (5) years, or both.
	ASSIGNMENT
IN ADDITION TO MAKING THIS DECLARATION, WHEREAS the Assignee is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, my entire right, title and interest in the above-identified Application.	
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged. I agree to assign, and hereby do assign, to Assignee my entire right, title and interest in and to the Application in the United States of America and all other countries, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, conversion, non-provisional, substitute, reissue, re-examination certificate following Inter Parles Review, certificate following Post Grant Review, all other applications claiming priority to or benefit of the Application pursuent to any law or treaty, and any patent issuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Application to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to Assignee all patents resulting from the Application and to record Assignee's ownership thereof. At Assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the Application. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the Assignee may affix its signature to this document as any other indicis of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.	
(Date)	(Signatura)
22/ch/2011	La Lell
Apparation to 27 C F D 4 C2 (a) State	WARNING
	person may not execute an oath or declaration unless the person has reviewed and understands the contents of it is aware of the duty to disclose to the Office all information known to be material to patentability as defined in

An Application Data Sheet (PTO/SB/14 or Equivalent) naming the entire inventiveness entity must accompany this form unless previously submitted.

Attorney, Docket No.	Airbus Reference No. 08709 CSA
Title of the Invention ("Invention")	Method and device for automatically determining an optimized approach and/or descent profile
Legal Name of Inventor ("Inventor")	BUISSON Alexandre
Assignee ("Assignee")	Airbus Operations SAS, incorporated or otherwise formed in Toulouse, France, end having a place of business at 316, Route de Bayonne; 31060 Toulouse; FRANCE
	DECLARATION
As named inventor, I hereby decl	are that:
This declaration is directed to:	
The attached App	lication
United States App	lication Number or PCT International Application Number
3	on is/was made or authorized to be made by me;
that I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and	
that I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
	<u>ASSIGNMENT</u>
	DECLARATION, WHEREAS the Assignee is desirous of acquiring, or has acquired and is desirous of er herein, my entire right, title and interest in the above-identified Application.
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged. I agree to assign, and hereby do assign, to Assignee my entire right, title and interest in and to the Application in the United States of America and all other countries, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, conversion, non-provisional, substitute, reissue, re-examination certificate following Inter Partes Review, certificate following Post Grant Review, all other applications claiming priority to or benefit of the Application pursuant to any law or treaty, and any patent issuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Application to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to Assignee all patents resulting from the Application and to record Assignee's ownership thereof. At Assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the Application. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the Assignee may affix its signature to this document as well as any other indicis of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending provision.  (Date)  (Date)	
WARNING According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."	

An Application Data Sheet (PTO/SB/14 or Equivalent) naming the entire inventiveness entity must accompany this form unless previously submitted.

Attorney, Docket No.	Airbus Reference No. 08709 CSA
Title of the Invention ("Invention")	Method and device for automatically determining an optimized approach and/or descent profile
Legal Name of Inventor ("Inventor")	VINCENT Valentin
Assignee ("Assignee")	Airbus Operations SAS, incorporated or otherwise formed in Toulouse, France, and having a place of business at 316, Route de Bayonne; 31060 Toulouse; FRANCE
	DECLARATION
As named inventor, I hereby deci	are that:
This declaration is directed to:	
The attached App	lication
OR United States App	elication Number or PCT International Application Number
5	ion is/was made or authorized to be made by me;
that I believe I am the original inv	entor or an original joint inventor of a claimed invention in the above-identified Application; and
that I hereby acknowledge that a imprisonment of not more than fiv	ny willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or ve (5) years, or both.
<u>ASSIGNMENT</u>	
IN ADDITION TO MAKING THIS DECLARATION, WHEREAS the Assignee is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, my entire right, title and interest in the above-identified Application.	
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged. I agree to assign, and hereby do assign, to Assignee my entire right, title and interest in and to the Application in the United States of America and all other countries, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, conversion, non-provisional, substitute, reissue, re-examination certificate following Inter Partes Review, certificate following Post Grant Review, all other applications claiming priority to or benefit of the Application pursuant to any law or treaty, and any patent issuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Application to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to Assignee all patents resulting from the Application and to record Assignee's comership thereof. At Assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the Application. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the Assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most classely reflecting the purpose of the offending provision.	
(Date)	O() (Signature)
WARNING  According to 37 C.F.R. 1.63 (c), "[a] person may not execute an eath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentiability as defined in 1.56."	

An Application Data Sheet (PTO/SB/14 or Equivalent) naming the entire inventiveness entity must accompany this form unless previously submitted.

Attorney, Docket No.	Airbus Reference No. 08709 CSA
Title of the Invention ("Invention")	Method and device for automatically determining an optimized approach and/or descent profile
Legal Name of Inventor ("Inventor")	CATINAT Pierre-Xavier
Assignee ("Assignee")	Airbus Operations SAS, incorporated or otherwise formed in Toulouse, France, and having a place of business at 316, Route de Bayonne; 31060 Toulouse; FRANCE
	<u>DECLARATION</u>
As named inventor, I hereby deck	are that:
This declaration is directed to:	
The attached Appl	ication
United States Applifiled on	lication Number or PCT International Application Number
that the above-identified Applicati	on is/was made or authorized to be made by me;
that I believe I am the original inve	entor or an original joint inventor of a claimed invention in the above-identified Application; and
that I hereby acknowledge that an imprisonment of not more than fiv	by willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or e (5) years, or both.
	ASSIGNMENT
IN ADDITION TO MAKING THIS memorializing its acquisition further	DECLARATION, WHEREAS the Assignee is desirous of acquiring, or has acquired and is desirous of er herein, my entire right, title and interest in the above-identified Application.
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged. I agree to assign, and hereby do assign, to Assignee my entire right, title and interest in and to the Application in the United States of America and all other countries, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, conversion, non-provisional, substitute, reissue, re-examination certificate following Inter Partes Review, certificate following Post Grant Review, all other applications claiming priority to or benefit of the Application pursuant to any law or treaty, and any patent issuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Application to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to Assignee all patents resulting from the Application and to record Assignee's ownership thereof. At Assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the Application. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the Assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending provision.  (Date)	
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RECORDED: 08/19/2014