

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Christian Chesne</td><td>01/23/2008</td></tr><tr><td>Robert Abadie-Lahaille</td><td>01/23/2008</td></tr><tr><td>Valery Auger</td><td>01/23/2008</td></tr><tr><td>Marco Prampolini</td><td>01/23/2008</td></tr><tr><td>Jean Claude Paulat</td><td>01/23/2008</td></tr><tr><td>Jerome Bertrand</td><td>01/23/2008</td></tr></tbody></table>	Name	Execution Date	Christian Chesne	01/23/2008	Robert Abadie-Lahaille	01/23/2008	Valery Auger	01/23/2008	Marco Prampolini	01/23/2008	Jean Claude Paulat	01/23/2008	Jerome Bertrand	01/23/2008	
Name	Execution Date														
Christian Chesne	01/23/2008														
Robert Abadie-Lahaille	01/23/2008														
Valery Auger	01/23/2008														
Marco Prampolini	01/23/2008														
Jean Claude Paulat	01/23/2008														
Jerome Bertrand	01/23/2008														
RECEIVING PARTY DATA															
Name:	Astrium SAS														
Street Address:	6 rue Laurent Pichat														
City:	Paris														
State/Country:	FRANCE														
Postal Code:	75016														
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>29297601</td></tr></tbody></table>	Property Type	Number	Application Number:	29297601											
Property Type	Number														
Application Number:	29297601														
CORRESPONDENCE DATA															
Fax Number:	(216)579-6073														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Email:	idyakiv@pearne.com														
Correspondent Name:	Jeffrey J. Sopko / Pearne Gordon LLP														
Address Line 1:	1801 East 9th Street														
Address Line 2:	Suite 1200														
Address Line 4:	Cleveland, OHIO 44114														
ATTORNEY DOCKET NUMBER:	BRV4-43014														
NAME OF SUBMITTER:	Jeffrey J Sopko														

CH \$40.00 29297601

PATENT

500465126

REEL: 020514 FRAME: 0615

**Total Attachments: 3**

source=BRV4-43014-AssignmentScanned#page1.tif

source=BRV4-43014-AssignmentScanned#page2.tif

source=BRV4-43014-AssignmentScanned#page3.tif

**PATENT**

**REEL: 020514 FRAME: 0616**

## ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

## AIRPLANE

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below, which application is further identified as Pearne & Gordon LLP Docket No. BRV4-43014.

WHEREAS, Astrium SAS., a corporation of France, having a place of business at 6 rue Laurent Pichat, 75016, Paris, France hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name: Christian Chesne

Signature: 

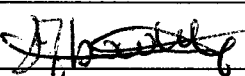
Today's Date: 23/01/08

Date I Signed Declaration: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

(2) Inventor Name: Robert Abadie-Lahaille

Signature: 

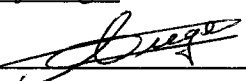
Today's Date: 23/01/08

Date I Signed Declaration: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

(3) Inventor Name: Valéry Auger

Signature: 

Today's Date: 23/01/08

Date I Signed Declaration: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

(4) Inventor Name: Marco Prampolini

Signature: 

Today's Date: 23/01/08

Date I Signed Declaration: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

(5) Inventor Name: Jean Claude Paulat

Signature: 

Today's Date: 23/01/08

Date I Signed Declaration: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

(6) Inventor Name: Jérôme Bertrand

Signature: 

Today's Date: 23/01/08

Date I Signed Declaration: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_