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SUBMISSION TYPI	PE: NEW ASSIGNMENT					
NATURE OF CON	EYANCE: ASSIGNMENT					
CONVEYING PART	ΓΥ DATA	JL				
		Name	e	Execution Date		
Philippe GOUPIL		02/06/2008				
Ali ZOLGHADRI		02/08/2008				
Loic LAVIGNE				02/08/2008		
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State/Country:	FRANCE					
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State/Country:	FRANCE	FRANCE				
Postal Code:	F-75016	E-75016				
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City:	Talence					
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Postal Code:	F-33405	F-33405				
PROPERTY NUMB	ERS Total: 1					
Property Type			Numbe	r		
Application Number: 12334		12334888	}			
CORRESPONDEN	CE DATA					
PATENT						
500732732 REEL: 021990 FRAME: 0167					67	

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ATTORNEY DOCKET NUMBER:		073070-08174				
NAME OF SUBMITTER:		James E. Ledbetter				
Total Attachments: 2 source=Assignment for 7307-8174#page1.tif source=Assignment for 7307-8174#page2.tif						

WHEREAS I (WE):

GOUPIL Philippe, residing A Lardenne - 32600 BEAUPUY - FRANCE

ZOLGHADRI Ali, residing 1, rue du Maréchal Joffre - 33850 LEOGNAN - FRANCE

LAVIGNE Loic, residing 4 ter, rue Montet - 33640 BEAUTIRAN - FRANCE

(hereinafter referred to as the Assignor(s)) have made an invention entitled:

French: Procédé et dispositif de détection de pannes oscillatoires dans une chaîne d'asservissement en position d'une gouverne d'aéronef

English: Method and device for detecting oscillatory failures in a position servocontrol subsystem of an aircraft control surface

for which applications for Letters Patent have been or will be filed in the following countries:

Country	Filing Date	<u>Serial No.</u>
France	18/12/2007	07 08825
International Patent Application (PCT)		
United States	December 15, 2008	12/334,888
Canada		
Brazil		

(If necessary, the Assignees (as defined below), their affiliates and their agents are hereby authorized to insert any additional countries, any filing dates and any serial numbers when known);

AND, WHEREAS:

AIRBUS France, whose full postal address is 316, route de Bayonne, F-31060 TOULOUSE Cedex, FRANCE

CENTRE NATIONALE DE LA RECHERCHE SCIENTIFIQUE, whose full postal address is 3, rue Michel Ange, F-75016 PARIS, FRANCE

UNIVERSITE BORDEAUX 1, whose full postal address is 351, cours de la Libération, F-33405 TALENCE, FRANCE

(hereinafter referred to as the Assignees) are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One Euro (1.00 €) in hand paid and other good and valuable consideration, the receipt of which from the Assignees is hereby acknowledged, by these presents, I (we), the Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignees, their lawful successors and assigns, my (our) entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and I (we) hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty it is to issue patents) of the United States, Canada, Brazil, and any other country, to issue Letters Patent for this invention to the Assignees, their successors and assigns, in accordance with the terms of this Assignment;

> PATENT REEL: 021990 FRAME: 0169

AND, I (WE) HEREBY covenant that I (we) have the full right to convey the interest assigned by this Assignment, and I (we) have not executed and will not execute any agreement in conflict with this Assignment;

AND, I (WE) HEREBY further covenant and agree that I (we) will communicate with the Assignees, their successors and assigns, any facts known to me (us) respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignees, their successors or assigns, execute all divisional, continuation, reissue, and re-examination applications, make all rightful oaths and generally do everything possible to aid the Assignees, their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am (we are) in the employ of the Assignees or their affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignees, their successors, and assigns.

It is the express wish of the parties that this Assignment and all related documents be drafted in English. Il est de la volonté expresse des parties que cette cession et tous les documents s'y rattachant soient rédigés en anglais.

	0 10 -		(dd/mm/yyyy)
1	GOUPIL Philippe	date: place:	6/02/2008 TOULOUSE
			08/02/2008
	ZOLGHADRI Ali	place:	TOULOUSE
	fortunt		08102108
	LAVIGNE Loic	place:	TOULOUSE
		date: place:	
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		date:	
		place:	

IN TESTIMONY WHEREOF, WE HAVE SIGNED:

WITNESS O'SUILEABHA

PATENT REEL: 021990 FRAME: 0170

RECORDED: 12/16/2008