09-15-2005 Atty Docket No.: FORM PTO-1595 06-04 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 103081750 To the Director of the United States Patent record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Aude ABADIE Name: **SNECMA** Alain PIOT Address: 2, Boulevard du General Martial-Valin Alain Marc, Lucien BROMANN Paris 75015 Additional name(s) of conveying party(ies) attached?

Yes
No France 3. Nature of Conveyance: ☐ Merger Assignment ☐ Security Agreement ☐ Change of Name □ Other Execution Date: August 31, 2005 Additional name(s) and address(es) attached? ☐ Yes ■ No 4. Application number(s) or patent number(s): This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached?

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Philippe J.C. Signore, Ph.D. Name of Person Signing

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PATENT REEL: 016973 FRAME: 0058

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	ABADIE Aude	
ISERT NAMES NO RESIDENCE DDRESS OF HE INVENTORS:	19 Bis, rue de la Rochette Bât 1 77000 MELUN FRANCE		
		PIOT Alain	
		14, Allée Jean Rostand 91000 EVRY FRANCE	
		BROMANN Alain Marc, Lucien	
		1 Place de l'Equerre 77870 VULAINES/SEINE FRANCE	
			, respectively,
SERT DATE IN- ENTORS SIGNED CLARATION: SERT TITLE INVENTION:	have invented certain new and useful improvements in:		
ERT NAME D ADDRESS OF	for which an application	n for Letters Patent was executed on	
MPANY OR HER ASSIGNEE	(Application No.	, filed), and
	WHEREAS, SNE	CMA as "ASSIGNEE") having a place of business at:	
	2, Boulevard du Généra		
		750151111405	

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

PATENT REEL: 016973 FRAME: 0059 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date:	31/08/2005	Agos
Date:	31/08/2005	(Signature of Inventor) ABADIE Aude
		(Signature of inventor) PIOT Alain
Date: _	31/08/2005	
		(Signature of Inventor) BROMANN Alain Marc, Lucien
Date:_		(Signature of Inventor)
Date:_		(Signature of Inventor)
Date:		
Date		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date: _		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

RECORDED: 09/09/2005

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