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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Dominique COUPE, Bruno Jacques Gerard DAMBRINE, Fabienne Name: **SNECMA** LACORRE, Alain MADEC and Jean-Noel MAHIEU 2, Boulevard du General Martial Valin Address: Paris 75015 France Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Additional name(s) and address(es) attached?

Yes No Execution Date: June 6, 2006 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application A. Patent Application No.(s) B. Patent No.(s) 11/425,082 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. **2** 7 2006 Name of Person Signing Signature Raymond F. Cardillo, Jr. Registration Number: 43,922 Registration No. 40,440 Total number of pages including this cover sheet: 3 07/28/2006 HALI11 00000065 11425082 Do not detach this portion 01 FC:8021 Mail documents to be recorded with required cover sheet information to:

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> > PATENT REEL: 018135 FRAME: 0888

Assignment of Application

Page 1 of 2

	WHICHEAC LOWEY COURT Dominique
ERT NAMES	WHEREAS, I (WE) COUPE Dominique 70, Avenue de Paris - Parc Ste Christine
D RESIDENCE DRESS OF	33185 LE HAILLAN FRANCE
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	77590 CHARTRETTES FRANCE
	MAHIEU Jean-Noël
	20, rue Lebrun 75013 PARIS FRANCE
	20, the Debitai 75015 TANGS TRANCE
	, respectively,
SERT TITLE INVENTION:	have invented certain new and useful improvements in: Mechanical part and method of
	manufacturing such a part
NSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an application for Letters Patent was executed on June 6, 2006
	To which all application for Education was discussed as
	(Application No. $11/425,082$, filed J_{une} 19, 2006), and
	WHITE AC CHECKA
SERT NAME ND ADDRESS OF OMPANY OR THER ASSIGNEE	WHEREAS, SNECMA
	(hereinafter referred to as "ASSIGNEE") having a place of business at:
	2. Boulevard du Général Martial Valin 75015 PARIS FRANCE
	-,

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 therefore 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 behoove 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: 018135 FRAME: 0889 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:	. 6 JUIN 2006	The state of the s
		(Signature of Inventor) COUPE Dominique
Date:_	. 6 JUIN 2006	a Die
		(Signature of Inventor) DAMBRINE Bruno Jacques, Gérard
Date:	. 6 JUIN 2006	Que de la companya del companya de la companya de la companya del companya de la
		(Signature of Inventor) LACORRE Fabienne
Date:	6 JUIN 2006	Adec
_		(Signature of Inventor) MADEC Alain
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Date:		
		(Signature of Inventor)
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_		(Signature of Inventor)
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OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

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> PATENT REEL: 018135 FRAME: 0890

RECORDED: 07/27/2006