Form **PTO-1595** (Rev. 09/ 04) OMB No. 0651-0027 (exp. 6/30/2005)

03-17-2005

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PAIES01490			
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Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)		
Gilles Charier (03/04/2005), Guy Dusserre-Telmon (03/04/2005), Marc Marchi (03/04/2005), Jean-Pierre Mourlan (03/04/2005),	Name: Snecma Moteurs Internal Address:		
Execution Date(s): in parentheses after inventor name	Street Address:		
Additional name(s) of conveying party(ies) attached? X Yes No 3. Nature of Conveyance:	2 Boulevard du Général Martial Valin 75015 Paris FRANCE		
X Assignment Merger	TIVAL		
Security Agreement Change of Name	City:		
Government Interest Assignment	State:		
Executive Order 9424, Confirmatory License	Country: Zip:		
Other	Additional name(s) & address(es) Yes X No attached:		
4. Application or patent number(s):	This document is being filed together with a new application.		
A. Patent Application No.(s)	B. Patent No.(s)		
Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Name: Burton A. Amernick CONNOLLY BOVE LODGE & HUTZ LLP Internal Address: Atty. Dkt.: 22193-00013-US1	Yes X No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card		
Street Address: 1990 M Street, N.W., Suite 800	X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)		
City: Washington	8. Payment Information		
State: DC Zip: 20036-3425	a. Credit Card Last 4 Numbers		
Phone Number: (202) 331-7111	Expiration Date		
Fax Number: (202) 293-6229	b. Deposit Account Number 22-0185		
Email Address: BAmernick@cblh.com	Authorized User Name Burton A. Amernick		
9. Signature: Signature	March 7, 2005		
Brian J. Hairston - 46,750 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 6		

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PATENT REEL: 016362 FRAME: 0260

Form PTO-1595 RECORDATION FORM COVER SHEET (continued)						
Additional Conveying Party(ies)/Execution Date(s) (1. Continued):						
Patrice Rosset (03/04/2005), and Zoltan Zsiga (03/04/2005)						
Additional Assigne	ees (2. Continued):					
Assignee Name: Internal Address: Street Address:						
City:	State:	Country:	Zip:			
Assignee Name: Internal Address: Street Address:						
City:	State:	Country:	Zip:			
Assignee Name: Internal Address: Street Address;						
City:	State:	Country:	Zip:			
Additional Applications and/or Patents (4. Continued):						
Additional Patent Applicati 4A. Continued:	on Numbers	Additional Patent Numbers 4B. Continued:				
	Additional numbers	attached? Yes No				

Docket No.: 22193-00013-US1

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by 1/ Gilles CHARIER, 2/ Guy DUSSERRE-				
TELMON, 3/ Marc MARCHI, 4/ Jean-Pierre MOURLAN, 5/ Patrice ROSSET, 6/ Zoltan				
ZSIGA, hereinafter referred to as Assignors,, residing at,				
1/ 04, rue des bas clos - 77130 LA GRANDE PAROISSE - FRANCE				
2/ 13, rue de la Mairie - 77115 SIVRY-COURTRY - FRANCE				
3/ 458, rue Evariste Galois - 77350 LE MEE SUR SEINE - FRANCE				
4/ 23 bis, rue André Pontier – 94130 NOGENT SUR MARNE - FRANCE				
5/ 13, rue de Grandvilliers - 77720 LA CHAPELLE GAUTHER - FRANCE				
6/ 38-40, rue Bernard Palissy - 77210 AVON - FRANCE				
respectively;				
WHEREAS, Assignor(s) has/have invented certain new and useful				
improvements in				
Turbomachine with a compact roller bearing , set forth in a				
(check one):				
Non-Provisional U.S. Patent Application for Letters Patent of the United States,				
U.S. National Stage Entry of International Application Serial No				
Continuation of U.S. Patent Application Serial No,				
U.S. Continuation of International Application. Serial No,				
Divisional of U.S. Patent Application Serial No,				
Continuation-in-Part Application (CIP) claiming benefit of Appl. Ser. No.				
(check one):				

WHEREAS, <u>SNECMA MOTEURS</u>, a corporation organized under and pursuant to the laws of <u>France</u>, having its principal place of business at 2 Boulevard du Général Martial Valin, 75015 PARIS, France (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

attached herewith; previously filed on and

Atty. Docket:

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PATENT REEL: 016362 FRAME: 0262 NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor(s) has/have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor(s), had this sale and assignment not been made.

AND for the same consideration, Assignor(s) hereby represent(s) and warrant(s) to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor(s) are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor(s) hereby covenant(s) and agree(s) to and with Assignee, its successors, legal representatives and assigns, that Assignor(s) will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable;

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or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor(s) hereby request(s) the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor(s) hereby grant the following individuals 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:

All registered practitioners at Customer No. 30678

Connolly Bove Lodge & Hutz LLP, 1990 M Street, N.W., Suite 800,

Washington, DC 20036-3425

AND Assignor(s) acknowledge(s) an obligation of assignment of this invention to Assignee at the time the invention was made.

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		GillesCHARIER
Date:	4 MAR. 2005	- -
•	. 4 MAR. 2005	Guy DUSSERRE-TELMON
Date:	F W MAIL TORS	

Atty, Docket:

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	•	Marc MARCHI
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		Jean-Pierre MOURLAN
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	• •	Patrice ROSSET
:	. 4 MAR. 2005	
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Zoltan ZSIGA

PATENT REEL: 016362 FRAME: 0265