FORM PTO-1595 MRD F 10-04-199 9-21-99	9 . SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Assistant Commissioner for Pa 101161302	documents or copy thereof.	
1. Name of conveying party(ies):Guy Grienche; Gerard Schott, Jean-Herve Le Gal, Gerard Martin, Patrice Laborde; Raphael Spagna	Name and address of receiving party(ies): Name: Institut Français Du Petrole and Turbomeca	
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address: 1 & 4, avenue de Bois Preau, 92852 Rueil-Malmaison Cedex, France; and	
3. Nature of conveyance: Assignment	64511 Bordes, France	
☐ Security Agreement ☐ Change of Name ☐ Other	City: Country: Zip:	
Execution Date: August 31, Sept. 3, 13, 15, 1999	Additional name(s) & address(es) attached? Yes X No	
Application number(s) or patent number(s): If this document is being filed together with a new application.	the execution date of the application is:	
A. Patent Application No.(s) US Serial No.	B. Patent No.(s)	
09/330,199, filed June 11, 1999	B. Patent No.(8)	
Additional numbers attached? Yes No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP	7. Total fee (37 CFR 3.41)\$40.00	
Internal Address:	Enclosed Any deficiencies may be charged to deposit account Authorized to be charged to deposit account	
Street Address: 1300 North Seventeenth Street	8. Deposit account number: 01-2135	
Suite 1800 City: Arlington, State: Virginia Zip: 22209	(Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and signature. To the best of my knowledge and belief, the foregoing in copy of the original document. Alan E. Schiavelli	formation is true and correct and any attached copy is a gue	
Name of Person Signing Signature	Date 0000	
Attorney Registration No. 32,087	Total number of pages including cover sheet, attachments, and encument: 3	

OMB No. 0651-0011 (exp. 4/94)

PATENT

REEL: 010275 FRAME: 0158

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to INSTITUT FRANÇAIS DU PETROLE and TURBOMECA

of 1 & 4, avenue de Bois Préau, 92852 Rueil-Malmaison cedex, France and 64511 Bordes, France

its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

VARIABLE-THROAST GAS-TURBINE COMBUSTION CHAMBER

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invented by me (if only is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, Serial No. 09/330,199 filed June 11, 1999 executed by me even date herewith and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said INSTITUT FRANÇAIS DU PETROLE and TURBOMECA, its successors, assigns or other legal representatives, 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 and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to basic issue fee said Letters Patent to said ${\tt INSTITUT}$ FRANÇAIS DU PETROLE and TURBOMECA

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PATENT RECORDED: 09/27/1999 REEL: 010275 FRAME: 0160