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Jean-Luc SOUPIZON, Patrick ROSSI, Henri POPINET, Sandrine TOURBIER, Claude BION, Charles BALLERON, Jose LOPEZ, Patrick GIRARD, Xavier LESCURE and Patrice ROSSET  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: SNECMA MOTEURS  
Address: 2, Boulevard du General Martial Valin  
75015 Paris, France

07-14-2004



102790753

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: March 25, 2004

Additional name(s) and address(es) attached?  Yes  No

4. 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)  
10/776,290

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

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6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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Name of Person Signing

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7-7-04  
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07/09/2004 03DIRETR1 00000111 10776290

01 FD:8081

40.00 DP

**PATENT**  
**REEL: 015550 FRAME: 0471**

# Assignment of Application

WHEREAS, I (WE) SOUPIZON Jean-Luc  
171 rue de la Flotte 77000 VAUX LE PENIL FRANCE

ROSSI Patrick  
6, avenue de Colombes 92600 ASNIERES SUR SEINE FRANCE

POPINET Henri  
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TOURBIER Sandrine  
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BION Claude  
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BALLERON Charles  
81 avenue Carnot 78500 SARTROUVILLE FRANCE

LOPEZ José  
165 avenue Aristide Briand 94230 CACHAN FRANCE

GIRARD Patrick  
3 Rue des Fabriques 77000 MELUN FRANCE

LESCURE Xavier  
97 Rue Izon escalier 6 77300 FONTAINEBLEAU FRANCE

ROSSET Patrice  
519, rue Bir-Hakeim 77350 LE MEE SUR SEINE FRANCE , respectively,

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

INSERT TITLE  
OF INVENTION:

have invented certain new and useful improvements in: Making turbomachine turbines having blade inserts with resonant frequencies that are adjusted to be different, and a method of adjusting the resonant frequency of a turbine blade insert for which an application for Letters Patent was executed on March 25, 2004

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

(Application No. 10/776 290 , filed February 12, 2004 ), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

WHEREAS, SNECMA MOTEURS

(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 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.

10/01

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: <u>25 MARS 2004</u>	(Signature of Inventor) <u></u> BOUVIZON Jean-luc
Date: <u>25 MARS 2004</u>	(Signature of Inventor) <u></u> ROSSI Patrick
Date: <u>25 MARS 2004</u>	(Signature of Inventor) <u></u> POPINET Henri
Date: <u>25 MARS 2004</u>	(Signature of Inventor) <u></u> TOURBIER Sandrine
Date: <u>25 MARS 2004</u>	(Signature of Inventor) <u></u> BION Claude
Date: <u>25 MARS 2004</u>	(Signature of Inventor) <u></u> BALLERON Charles
Date: <u>25 MARS 2004</u>	(Signature of Inventor) <u></u> LOPEZ José
Date: <u>25 MARS 2004</u>	(Signature of Inventor) <u></u> GIRARD Patrick

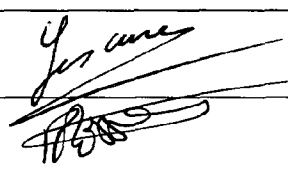
**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

10/01

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.

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Date: 25 MARS 2004

(Signature of Inventor) LESCURE Xavier 

Date: 25 MARS 2004

(Signature of Inventor) ROSSET Patrice

Date: \_\_\_\_\_

(Signature of Inventor) \_\_\_\_\_

Date: \_\_\_\_\_

(Signature of Inventor) \_\_\_\_\_

Date: \_\_\_\_\_

(Signature of Inventor) \_\_\_\_\_

Date: \_\_\_\_\_

(Signature of Inventor) \_\_\_\_\_

Date: \_\_\_\_\_

(Signature of Inventor) \_\_\_\_\_

Date: \_\_\_\_\_

(Signature of Inventor) \_\_\_\_\_

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
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