



To the Director of the United States Patent

102505544

attached original documents or copy thereof.

1. Name of conveying party(ies): 7-7-03
Daniel BERGER and Jean-Louis TRANCHIER

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

17525 U.S. PTO
10/612932
07/07/03

Additional name(s) of conveying party(ies) attached? Yes No

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

Execution Date: June 26, 2003

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

4. Application number(s) or patent number(s): 10612932

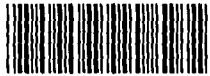
If this document is being filed together with a new application, the execution date of the application is: June 26, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total applications and patents involved: 1

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

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 15-0030
(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.

Gregory J. Maier

Name of Person Signing

C. Irvin McClelland
Signature

Registration Number 21,124

Date

Registration Number: 25,599

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
Alexandria, Virginia. 22313

07/08/2003 WABRMAN1 00000051 10612932

02 FC:8021

40.00 0P

Assignment of Application

WHEREAS, I (WE) BERGER Daniel
14, rue Saint Bonnet 77370 LA CHAPELLE RABLAIS FRANCE
TRANCHIER Jean-Louis
65, Allée de la Garenne 77176 NANDY FRANCE

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

_____, respectively,
have invented certain new and useful improvements in: METHOD OF DISTRIBUTING ROTOR BLADES IN A
TURBOMACHINE

INSERT TITLE
OF INVENTION:

for which an application for Letters Patent was executed on _____
(Application No. FR02 09027, filed July 17, 2002), and

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

WHEREAS, SNECMA MOTEURS

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

(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.

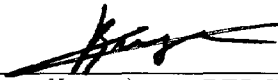
I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the 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: 26 JUNE 2003


(Signature of Inventor) BERGER Daniel

Date: 26 JUNE 2003

(Signature of Inventor) TRANCHIER Jean-Louis

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.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

10/01