

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daniele Coutandin</td> <td>02/17/2012</td> </tr> <tr> <td>Stefano Zecchi</td> <td>02/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Daniele Coutandin	02/17/2012	Stefano Zecchi	02/17/2012
Name	Execution Date						
Daniele Coutandin	02/17/2012						
Stefano Zecchi	02/17/2012						
RECEIVING PARTY DATA							
Name:	AVIO S.p.A.						
Street Address:	Strada del Drosso, 145						
City:	Torino						
State/Country:	ITALY						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13331863</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13331863		
Property Type	Number						
Application Number:	13331863						
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NAME OF SUBMITTER:	Peter W. Gowdey						
Total Attachments: 1 source=2675-0090_Assignment_SIGNED#page1.tif							

CH \$40.00 13331863

ASSIGNMENT of U.S. and Foreign Patent Rights

Attorney Docket No. 2675-0090

(Inventors with addresses) **Daniele COUTANDIN** of Via Monte Pirchiriano, 43, Avigliana, ITALY 10051
Stefano ZECCHI of Via Montale, 3, La Loggia, ITALY 10040

In consideration of the sum of one dollar (\$1.00) and other good valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to **AVIO S.p.A.**, a corporation of Torino, Italy, having an office and place of business at Strada del Drosso, 145, Torino, Italy, the undersigned's entire right, title and interest in the invention, all applications filed therefor for patent in the United States and in foreign countries (including divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexamination applications, extensions, and all other patent applications that have been or shall be filed on the invention), all Letters Patent (including original patents, reissued patents, reexamination certificates, and extensions) which may be granted therefor in the United States and in foreign countries, and all rights of priority resulting from the filing of any such application, for the invention known as:

(Title) **GAS TURBINE BLADED ROTOR FOR AERONAUTIC ENGINES AND METHOD FOR COOLING SAID
BLADED ROTOR**

for which the undersigned have already filed U.S. application Serial No. 13/331,863 on December 20, 2011

The undersigned acknowledges an obligation of assignment of this invention to **AVIO S.p.A.** at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any provisional-completion, utility, design, continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as **AVIO S.p.A.** may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid United States and corresponding foreign patents to **AVIO S.p.A.**

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to **AVIO S.p.A.**, as assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of **DAVIDSON BERQUIST JACKSON & GOWDEY LLP** 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 Office for recordation of this document. It is understood and agreed that **AVIO S.p.A.**'s attorneys Davidson Berquist Jackson & Gowdey LLP have represented only **AVIO S.p.A.** and will continue to represent only **AVIO S.p.A.** with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date: Feb. 17, 2012 Inventor:  Witness: 
Daniele COUTANDIN **Denise MESSINA**

Date: Feb. 17, 2012 Inventor:  Witness: 
Stefano ZECCHI **Denise MESSINA**