

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MITSUBISHI HEAVY INDUSTRIES, LTD.	06/17/2015
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13515978
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<b>ATTORNEY DOCKET NUMBER:</b>	2012-0815A
<b>NAME OF SUBMITTER:</b>	KELLY FORE
<b>SIGNATURE:</b>	/KELLY FORE/
<b>DATE SIGNED:</b>	06/18/2015
<b>Total Attachments: 2</b>	
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source=Assignment#page2.tif	

## ASSIGNMENT

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Mitsubishi Heavy Industries, Ltd. (hereinafter, designated as the ASSIGNOR)  
16-5, Konan 2-chome, Minato-ku,  
Tokyo, Japan 108-8215

the owner of the entire right, title and interest in and to:

U.S. Patent Application No. 13/515,978, filed June 14, 2012, entitled AIRCRAFT GAS  
TURBINE

hereby sell(s) and assign(s) to

ASSIGNEE: Mitsubishi Heavy Industries Aero Engines, Ltd. (hereinafter designated the ASSIGNEE)  
1200, Higashitanaka, Komaki-shi,  
Aichi, Japan 485-0826

the entire right, title and interest for the United States of America as defined in 35 USC 100, in the inventions found in U.S. Patent Application No. 13/515,978 in and to, all Letters Patent to be obtained for said inventions by any continuation, division, reissue or reexamination of said United States Patents.

The ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

The ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided with all pertinent facts and documents relating to said invention and said application and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any proceeding related thereto, and that ASSIGNOR will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, and enforce said application, said invention, any Letters Patent resulting from said application, and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof;

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005, 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 recordal of this document.

Furthermore, the undersigned has reviewed all the documents in the chain of title of U.S. Patent Application No. 13/515,978 and, to the best of the undersigned's knowledge and belief, title is in the ASSIGNOR identified above.

IN witness whereof, I/WE have hereunto set hand and seal this June 17, 2015  
(Date of signing)

*Hironichi Ito*  
(Signature of person authorized to sign on behalf of ASSIGNOR)

Hironichi ITO  
(type or print the name of person who signs above)

General Manager of Intellectual Property Department  
(Official Title of person who signs above)

Witness *Masaaki Ikeda*  
Masaaki IKEDA

Witness *Tomoko Gabe*  
Tomoko GABE