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documents or copy therec

Record the attached original

1. Name of conveying party(ies):

Mario E. Abreu
Additional Names attached: ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Solar Turbines IncorporatedStreet Address:
2200 Pacific HighwayCity: San Diego State: CaliforniaZip: 92186-5376

3. Nature of Conveyance:

☒ Assignment
☐ Security Agreement
☐ Other

Execution Date(s):

Additional name(s) & addresses
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 12/15/1999.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ NoTitle of Invention: SERIAL COOLING OF A COMBUSTOR FOR A GAS TURBINE ENGINEAttorney Docket No.: 96-7805. Name and address of party to whom correspon-
dence concerning document should be mailed:Name: Keith P. Roberson
CATERPILLAR INC.Internal Address: Intellectual Property Dept.Street Address: 100 N. E. Adams StreetCity: Peoria State: ILZip: 61629-64906. Total number of applications and patents
involved [1]7. Total fee (37 CFR §3.41) \$ 40.00
☐ Enclosed
☒ Authorized to be charged to deposit
account8. Deposit account number: 03-1129
(If charged duplicate copy attached)

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.Keith P. Roberson
Name of Person Signing[Signature]
Signature12/16/1999
Date

Total number of pages comprising cover sheet, attachments, and document: [2]

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

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PATENT
REEL: 010483 FRAME: 0402

ASSIGNMENT

WHEREAS, MARIO E. ABREU, residing at Poway, California, hereinafter referred to as ASSIGNOR, has invented a new and useful

SERIAL COOLING OF A COMBUSTOR FOR A GAS TURBINE ENGINE

for which ASSIGNOR is about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNOR on December 13, 1999; and

WHEREAS, SOLAR TURBINES INCORPORATED, a Delaware corporation having a place of business at San Diego, California, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

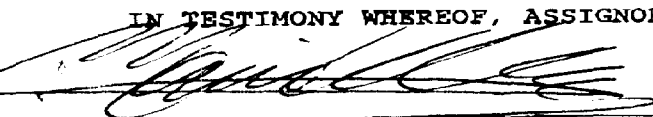
1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to SOLAR TURBINES INCORPORATED.

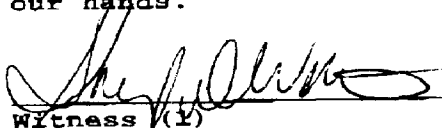
4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR's heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.


MARIO E. ABREU

12/13/1999
Date

IN WITNESS OF the execution hereof by MARIO E. ABREU we have hereunto set our hands.


Witness (1)

12.13.99
(Date)

Address: Solar Turbines Incorporated
2200 Pacific Highway
San Diego, CA 92101


Witness (2)

12-13-99
(Date)

Address: Solar Turbines Incorporated
2200 Pacific Highway
San Diego, CA 92101