PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LEONARD CHARLES ANGELLO	12/21/2020
BENJAMIN EMERSON	02/24/2020
TIMOTHY CHARLES LIEUWEN	03/26/2020
DAVID ROBERT NOBLE	02/24/2020

RECEIVING PARTY DATA

Name:	ELECTRIC POWER RESEARCH INSTITUTE, INC.
Street Address:	3420 HILLVIEW AVENUE
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16451941

CORRESPONDENCE DATA

Fax Number: (440)808-0657

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Email: docket@patentandtm.com CURATOLO SIDOTI CO., LPA **Correspondent Name:** 24500 CENTER RIDGE ROAD Address Line 1:

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ATTORNEY DOCKET NUMBER:	EPR.P1880
NAME OF SUBMITTER:	SALVATORE A. SIDOTI
SIGNATURE:	/Salvatore A. Sidoti/
DATE SIGNED:	01/06/2021

Total Attachments: 5

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ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), or the equivalent thereof, and other good and valuable consideration, receipt and sufficiency of which is hereby acknowledged, we, Leonard Charles ANGELLO, Benjamin EMERSON, Timothy Charles LIEUWEN, and David Robert NOBLE, do hereby sell, assign and transfer to Electric Power Research Institute, Inc., a non-profit corporation organized and doing business under the laws of the District of Columbia, having a place of business at 3420 Hillview Avenue, Palo Alto, California, 94304, and its successors and assigns the entire right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted to us by local laws or by treaty, including any international convention for the protection of industrial property, in and for the United States and its territories and possessions in and to the invention

GAS TURBINE SWIRL DETECTION

invented by us and described in application for United States Letters Patent bearing Docket No. EPR.P1880 and Serial No. 16/451,941, filed June 25, 2019, (1) said application for United States Letters Patent and all continuations, continuations-in-part and divisions thereof (including further continuations and divisions such as, but not limited to, continuations of continuations and divisions of continuations of continuations), (2) all United States Letters Patent which may be issued and/or granted on all such applications, (3) all applications for reissues and extensions of and reexamination certificates for all such United States Letters Patent and (4) all reissues and extensions of and reexamination certificates issued for all such United States Letters Patent, (5) all applications for Letters Patent therefor in all countries and territories of the world (including all applications for continuations and divisions of such applications and all applications for modifications and extensions of such applications and Letters Patent issuing thereon), and (6) all Letters Patent which may be granted and/or issued therefore in all of said countries and territories (including all modifications and extensions thereof and supplemental protection certificates relating thereto), the said interest being the entire ownership of said invention and all of said applications, Letters Patent (including reissue Letters Patent), extensions and reexamination certificates to be held and enjoyed by Electric Power Research Institute, Inc. and its successors and assigns to the full end of the terms to which said Letters Patent (including reissue Letters Patent), extensions and reexamination certificates may be granted and/or issued, as fully and

And we hereby agree that during and/or subsequent to our employment or contract we will sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution in the United States and all countries foreign thereto of all of said applications for said Letters Patent (including reissue Letters Patent), extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said applications, Letters Patent (including reissue Letters Patent), extensions and reexamination certificates in said assignee.

Leonard Charles ANGELLO	Angello 12/2020
Leonard Charles ANGELLO	Date
Witness	u.
Benjamin EMERSON	Date
Witness	ox.
Timothy Charles LIEUWEN	Date
Witness	100
David Robert NOBLE	Date
Witness	aac

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Leonard Charles ANGELLO	Date
Witness	•
Benjamin EMERSON	2/2/2020
Benjamin EMERSON	Date
Witness	•
Timothy Charles LIEUWEN	Date
Witness	•
David Robert NOBLE	Date
Witness	•

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Leonard Charles ANGELLO	Date
Witness	_
Benjamin EMERSON	Date
Witness Timothy Charles LIEUWEN	3/26/20 Date
Witness	_
David Robert NOBLE	Date
Witness	-

And we hereby agree that during and/or subsequent to our employment or contract we will sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution in the United States and all countries foreign thereto of all of said applications for said Letters Patent (including reissue Letters Patent), extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said applications, Letters Patent (including reissue Letters Patent), extensions and reexamination certificates in said assignee.

Leonard Charles ANGELLO	Date
Witness	•
Benjamin EMERSON	Date
Witness	•
Timothy Charles LIEUWEN	Date
Witness	02/24/2020
David Robert NOBLE	Date

PATENT REEL: 054825 FRAME: 0602

RECORDED: 01/06/2021