Leon Radomsky FOLEY & LARDNER LLP Washington Harbour 3000 K Street NW, Suite 500 Washington, D.C. 20007-5143 Check Enclosed X Authorized to be charged to credit card Authorized to be charged to deposit accommodate accommodate and Authorized to be charged to deposit accommodate	and Trademark Office
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy of the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy of the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy of the Director of the States Patents or Copy of the Director of the States Patents or Copy of the Director of the States Patents of the Additional Patents of the States Patents or Copy of the Director of the Director of the Additional Patents of the States Patents or Copy of the Director of the States Patents or Copy of the Director of the	
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a. Credit Card Last 4 Numbers 2345 Expiration Date 11/30 b. Deposit account number 19-07 Authorized User Name	
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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attach copy of the original document. The Commissioner is hereby authorized to charge any additional recordation be required in this matter to the above-identified deposit account. Leon Radomsky Reg. No. 43,445 Name of person signing Signature	ed copy is a true fees which may עני / b ک
Total number of pages including cover sheet, attachments, and d	ocument: 11

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PATENT REEL: 020831 FRAME: 0390

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

BLOOM ENERGY CORPORATION 1252 Orleans Drive Sunnyvale, California 94089-1137

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

FUEL CELL STACK COMPONENTS

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as set forth in this United States Patent Application

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

Page 1 of 5

WASH_2234582.1

PATENT REEL: 020831 FRAME: 0391

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto: (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

		DIEN NGUYEN
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unty of)ss,	
•		no
On this day of	on to me to be the same p scaled, and delivered the	20 before me, a notary public in and for said county, appeared DIEN serion whose name is subscribed to the foregoing instrument, and he/she said instrument as his/her free and voluntary act for the uses and purposes therein serion in the said instrument as his/her free and voluntary act for the uses and purposes therein serion.
		Notary Public
		My Commission Expires:
(Scal)		My Continuation Exputer.
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Page 3 of 5

Execute	d this day of	, 20	÷
	,		MATTHIAS GOTTMANN
1886 OF			
quaty of			
			notary public in and for said county, appeared MATTHIAS is subscribed to the foregoing instrument, and he/site ther free and voluntary set for the uses and purposes therein a
			Notary Public
			My Commission Expires:
(Seal)			
Executo	ed this <u>30</u> day of	January . 200	<u>3</u> .
		J	Luble Pan.
State of <u>Calif</u>	Adrnia 14a Clary Jm.		DEEPAK BOSE
On this 3	day of Finush	de eersen whoer name it (bl	a notary public in and for said county, appeared DEEPAK scribed to the foregoing instrument, and he/she acknowledged soluntary act for the uses and purposes therein set forth. It
	- #ASCTT&SS CCNIII	6. JUANEZ B 1.0 (4378)8	My Commission Expires: 7-1-08
(Scal)	PARTON (CAPTAGE ANTA)	OLIC - CALIFORNIA II LANA COUNTY II Jame July 1, 2008	

Page 4 of 5

Executed this	day of	, 20
		DARREN HICKEY
State of		
County of)15.)	
On thisday of	f20 an to me to be the same personal diversed the said instrument to	, before me, a notary public in and for said county, appeared DARREN on whose name is subscribed to the foregoing instrument, and he/she acknowledged shis/her free and voluntary act for the uses and purposes therein set forth.
		Notary Public
		My Commission Expires:
(Seal)		
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Executed this _	day of	
		STEPHEN COUSE
State of		
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County of		
CONTROL or hand a more consider homes.	ser to test to be the same next	0 before me, a notary public in and for said county, appeared STEPHEN or whose name is subscribed to the foregoing instrument, and he/she acknowledged
that he/she signed, sealed, and d	clivered the said instrument	as his/her free and voluntary act for the uses and purposes therein set forth.
		Notary l'ublic
		My Commission Expires:
(Scal)		

Page 5 of 5

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BLOOM ENERGY CORPORATION 1252 Orleans Drive Sunnyvale, California 94089-1137

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FUEL CELL STACK COMPONENT'S

as set forth in	this United States Patent Application
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Page 1 of 5

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Page 2 of 5

Executed this 26th day of, 2008.
State of California DIEN NGUYEN County of Scintaciara is. On this 26th day of January 20 8 before me, a notary public in and for said county, appeared DIEN NGUYEN, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she asknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and valuntary act for the uses and purposes therein set forth.
(Scal) William STREET AND STREET STR
Executed this 25th day of Tomps. 2008. [A. Russell IAN RUSSELL
State of California IAN RUSSELL County of Santa Clara St. On this 25 day of January 2008 before me, a notary public in and for said county, appeared IAN RUSSELL, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.
(Scal) Wind Commission Expires: Wy Commission Expires:

Page 3 of 5

MATTHIAS GOTTMANN
refore one a potent public in and for said county, appeared MATTHIAS
refore me, a notary public in and for said county, appeared MATTHIAS whose name is subscribed to the foregoing instrument, and he/she amen as his/her free and voluntary act for the uses and purposes therein set
Ny Commission Expires: 7-1-08
Y DOCUMENTS
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DEEPAK BOSE
4 Parties
before me, a notary public in and for said county, oppeared DEEPAK name is subscribed to the foregoing instrument, and he/she acknowledged or free and voluntary ass for the uses and purposes therein set forth.
Notary Public
My Commission Expires

Page 4 of 5

Executed this 25 day of January	. 20 <u>05</u> .
State of California County of State (arg.) On this 25th Any of January 1008 before that be shown is personally known to me to be the shown person whose a that be shown signed, sealed, and delivered the said instrument as his/her for	DARREN HICKEY me me, a nutary public in and for said county, appeared DARREN name is subscribed to the foregoing instrument, and he/she acknowledged re and voluntary act for the uses and purposes therein set forth
(Scal) (Scal)	
Executed this <u>**</u> day of <u>5aa</u>	STEPHEN COUSE
State of California County of Santaclora ps. On this 25 day of January 2008, before COUSE, who is personally known to me to be the same person whose no that he/she signed, scaled, and delivered the said instrument as his/her for	one me, a notary public in and for said county, appeared STEPHEN time is subscribed to the foregoing instrument, and he/she acknowledged ee and voluntary act for the uses and purposes therein set forth.
(Scal) Section	My Commission Expires:

Page 5 of 5

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RECORDED: 04/18/2008