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RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the United States Patent and Trademark Office. Please record the attached or final documents or copies thereof 1. Name of conveying party(ies): James F. McELROY	FORM PTO-1595 (modified)	U.S. DEPARTMENT OF COMMER	RCE
To the Director of the United States Patent and Trademark Office: Please record the attached or ginal documents or copies thereof. 1. Name of conveying party(ies): James F. McELROY Arne Walson BALLANTINE BLOOM ENERGY CORPORATION 1252 Orleans Drive Sunnyvale, California 94089-1137 Additional conveying party(ies) attached? NO 1252 Orleans Drive Sunnyvale, California 94089-1137 Additional name(s) & address(es) attached? NO 4. April 9, and March 28, 2007 4. Application number(s) or patent number(s): If this is being filed together with a new application, the execution date of the application is: A. Paient Application Number(s): 11/730,256 Additional name(s) & address(es) attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Concerning document should be mailed: Leon Radonsky FOLEY & LARDNER LLP Washington, D.C. 20007-5143 6. Total number of application/patents involved: 7. Total fee (37 C.P.R. § N41): \$40.00 Check Enclosed X Authorized to be charged to deposit account 8. Payment Information a. Credit Card Last 4 Numbers 2345 Expration Date 11/30/2008 b. Deposit account number 19-0741 Authorized User Nine DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and bellef, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge ungualditional recordation fees which may be required in this matter to the above-identified deposit account. Leon Radonsky Reg. No. 43445 Name of person signing Signature Date			
To the Director of the United States Patent and Trademark Office: Please record the attached or gonal documents or copies thereof. 1. Name of conveying party(ies): James F. McELROY Arne Watson BALLANTINE BLOOM ENERGY CORPORATION 1252 Orteans Drive Sunnyvale, California 94089-1137 Additional conveying party(ies) attached? NO 1522 Orteans Drive Sunnyvale, California 94089-1137 Additional name(s) & address(es) attached? NO 4. Application number(s) or patent number(s): If this is being filed together with a new application, the execution date of the application is: A. Paient Application Number(s): B. Patent Number(s): B. Patent Number(s): B. Patent Number(s): 11730,256 Additional number attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Leon Radomsky FOLEY & LARDNER LLP Washington Harbour 3000 K Street NW, Suite 500 Washington, D.C. 20007-5143 Expression Date DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and bellef, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge uspadditional recordation fees which may be required in this matter to the above-identified deposit account. Leon Radomsky Reg, No. 43-445 Name of person signing Signature Date	PATEN	ITS ONLY	
James F. McELROY Arne Watson BALLANTINE BLOOM ENERGY CORPORATION 1252 Orienns Drive Sunnyvale, California 94089-1137 Additional comeying party(ies) attached? NO 3. Nature of conveyance: ASSIGNMENT Execution Date: April 9, and March 28, 2007 Additional name(s) & address(es) attached? NO 4. Application number(s) or patent number(s): If this is being filed together with a new application, the execution date of the application is: A. Patent Application Number(s): B. Patent Number(s): 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications/patents involved: 1 7. Total fee (37 C.F.R. § 3.41): S40.00 Check Enclosed X. Authorized to be charged to deposit account 8. Payment Information a. Credit Card Last 4 Numbers Experiation Date 11/30/2008 b. Deposit account number Authorized User Ne me DO NOT USE THIS SPACE 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. The Commissioner is hereby authorized to charge upgadditional recordation fees which may be required in this matter to the above-identified deposit account. Leon Radonsky Reg. No. 43,443 Name of person signature Date			
Additional come typing party(ies) attached? NO 3. Nature of conveyance: April 9, and March 28, 2007 Additional name(s) & address(es) attached? NO 4. Application number(s) or patent number(s): If this is being filed together with a new application, the execution date of the application is: A. Patent Application Number(s): 11/730,256 5. Name and address of party to whom correspondence concerning document should be mailed: Check Enclosed Yealshington Harbour 3000 K Street NW, Suite 500 Washington, D.C. 20007-5143 DO NOT USE THIS SPACE 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. The Commissioner is hereby authorized to charge unguilditional recordation fees which may be required in this matter to the above-identified deposit account. Leon Radomsky Reg. No. 43,445 Name of person signing Signature Date Date	Name of conveying party(ies):	2. Name and address of receiving party(:es):	
3. Nature of conveyance: April 9, and March 28, 2007 4. Application number(s) or pattent number(s): If this is being filed together with a new application, the execution date of the application is: A. Patent Application Number(s): 11/730,256 Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Leon Radomsky FOLEY & LARDNER LLP Washington Harbour 3000 K Street NW, Suite 500 Washington, D.C. 20007-5143 Expansion Date 11/30/2008 B. Patent Number(s): 5. Name and address of party to whom correspondence concerning document should be mailed: Check Enclosed X Authorized to be charged to credit card Authorized to be charged to deposit account 8. Payment Information a. Credit Card Last 4 Numbers 2345 Expansion Date 11/30/2008 b. Deposit account number DO NOT USE THIS SPACE 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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account. Leon Radomsky Reg. No. 43,445 Name of person signing Signature Date		1252 Orleans Drive	
A. Patent Application Number(s): 11/730,256 Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications/patents involved: 1. Total fee (37 C.F.R. § 1341): 40.00 Check Enclosed X. Authorized to be charged to credit card Authorized to be charged to deposit account. 8. Payment Information a. Credit Card Last 4 Numbers 2345 Expiration Date 11/30/2008 b. Deposit account number 19-0741 Authorized User Name DO NOT USE THIS SPACE 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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account. Leon Radomsky Reg. No. 43,445 Name of person signing Signature Date	3. Nature of conveyance: ASSIGNMENT Execution Date: April 9, and March 28, 2007 4. Application number(s) or patent number(s):		
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PATENT REEL: 019303 FRAME: 0601

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

SOFC System Producing Reduced Atmospheric Carbon Dioxide Using a Molten Carbonate Carbon Dioxide Pump

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.

Page 1 of 3

WASH_1843048.1

PATENT REEL: 019303 FRAME: 0602

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.

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.

Page 2 of 3

Executed this 9 TH day of ARIL, 2007. State of California County of Suntaclara 385.	JAMES F. MCELROY
On this On this One day of April 20 before me, a notary MCELROY, who is personally known to me to be the same person whose name is subse	public in and for said county, appeared JAMES F. tribed to the foregoing instrument, and for she
arknowledged that he/she signed, sealed, and delivered the said instrument at his/her fre forth.	and voluntary act for the uses and purposes therein set
Seal)	Nichary Public Ny Commission Expires: 7-1-08
Executed this day of, 20	
A	RNE WATSON BALLANTINE
State of	
On thisday of, 20, before me, a notary WATSON BALLANTINE, who is personally known to me to be the same person whose he/she acknowledged that he/she signed, scaled, and delivated the said instrument as his therein set forth.	public in and for said county, appeared ARNE name is subscribed to the foregoing instrument, and ther free and voluntary act for the uses and purposes
	Notary Public
	•
(Seal)	My Commission Expires:

Page 3 of 3

WASH_1843048.1

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

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SOFC System Producing Reduced Atmospheric Carbon Dioxide Using a Molten Carbonate Carbon Dioxide Pump

as set forth in this United States Patent Application

check one	[X] executed concurrently herewith,	
	[] executed on,	
	[] Serial No. Unassigned Filed	

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.

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Page 1 of 3

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.

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.

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Executed this day of, 20	<u></u> .
State of) State of) State of) County of)	JAMES F. MCELROY
On thisday of, 20, before m MCELROY, who is personally known to me to be the same person whose nar acknowledged that he/she signed, scaled, and delivered the said instrument as forth.	me is subscribed to the foregoing instrument, and he/she
	Notary Public
(Seal)	My Commission Expires:
Executed this 28th day of March, 201	an Patron Parlot
State of California County of Santa Clara)ss. On this 29th day of March 20 67 before me WATSON BALLANTINE, who is personally known to me to be the same personally known to me to be t	ARNE WATSON BALLANTINE
On this 2 day of	e, a notary public in and for said county, appeared ARNE son whose name is subscribed to the foregoing instrument, and next as higher free and voluntary act for the uses and purposes
(Seal) (S	Notary Public My Commission Expires: 7-1-08

Page 3 of 3

RECORDED: 05/16/2007