501985571 07/11/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dr. Riccardo Signorelli	07/02/2012
Dr. John J. Cooley	07/02/2012
Mr. Morris Green	07/02/2012
Mr. Christopher JS Deane	07/02/2012
Mr. Padmanaban Sasthan Kuttipillai	07/02/2012
Ms. Lindsay A. Wilhelmus	06/12/2012

RECEIVING PARTY DATA

Name:	FastCAP Systems, Corporation	
Street Address:	21 Drydock Avenue, 8th Floor	
City:	Boston	
State/Country:	MASSACHUSETTS	
Postal Code:	02210	

PROPERTY NUMBERS Total: 2

Property Type	Number	
Application Number:	13480085	
PCT Number:	US2012039342	

CORRESPONDENCE DATA

Fax Number: (617)261-7599 Phone: 857-239-7500

Email: ira@fastcapsystems.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: FastCAP Systems Corporation

Address Line 1: 21 Drydock Avenue, 8th Floor

Address Line 4: Boston, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER: UTL-004

PATENT

OP \$80.00 13480

501985571 REEL: 028531 FRAME: 0713

NAME OF SUBMITTER:	Ira M. Turner
Total Attachments: 6 source=UTL004N_Assignments_Executed# source=UTL004N_Assignments_Executed# source=UTL004N_Assignments_Executed# source=UTL004N_Assignments_Executed# source=UTL004N_Assignments_Executed# source=UTL004N_Assignments_Executed#	page2.tif page3.tif page4.tif page4.tif page4.tif

Whereas	s, I, _	<u>Riccardo Signorelli</u>	of_	Cambridge, Massachusetts
hereafte in	r refe	erred to as "Applicant" or collectively	as the "Apr	olicants," have invented certain new and useful improvements
	POV STC	WER SYSTEM FOR HIGH TEMPER DRAGE	ATURE API	PLICATIONS WITH RECHARGEABLE ENERGY
for whic	h an h an	application for a United States Patent application for a United States Patent	was filed on was executed	May 24, 2012, and assigned Application Number 13/480,085, l on June 7, 2012, and
Whereas 21 Dryd same;	s, <i>Fas</i> lock	stCAP Systems, Corporation of Bosto Avenue, 8th Floor East, Boston, MA,	on, Massach 02210, is d	usetts, here referred to "Assignee" whose mailing address is esirous of acquiring the entire right, title and interest in the
valuable exclusive and to an and Trad entire rig legal repr	cons e righ ny and lemar ght, ti resen	sideration, I/We, the Applicant(s), by nt to the invention in the United State d all Patents which may be granted the k Office and any directorate of a fore tle, and interest in and to the same, for the same, for the same same and the same same same same same same same sam	these presents as well as erefore. I/W ign patent of for the sole us of the term	00), the receipt whereof is acknowledge, and other good and ts do sell, assign and transfer unto said assignee the full and all foreign jurisdictions, the entire rights, title and interest in the hereby authorize and request the Director of the U.S. Patent fice there applied to, to issue said Patent to said Assignee, the see and behoof of the Assignee; and for the use and behoof of for which said Patent may be granted, as fully and entirely as alle not been made.
Executed	l this	Z day of <u>5/fy</u> , 20/7, at Bo	oston, Massac	husetts.
			_	
			Signature	
		Report of the second of the se	Signature	
ACKNO	WLE	EDGEMENT:		
Common	wealt	th of Massachusetts)		
County of	f Suff) SS: folk)		
On this appeared or affirme	d to	day of <u>July</u> KiceARDo SianoRew , kr. me, under the penalties of perjury, the wledge and belief.	lown to me t	before me, the undersigned authority, personally to be the signer(s) of the attached document, and who swore tts of said document are truthful and accurate, to the best of
			SEAL	IRA M. TURNER Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires
	0			June 20, 2019

Signature of Notary Public

Whereas, I, <u>John Cooley</u> of <u>Boston, Massachusetts</u> ,
hereafter referred to as "Applicant" or collectively as the "Applicants," have invented certain new and useful improvem in
POWER SYSTEM FOR HIGH TEMPERATURE APPLICATIONS WITH RECHARGEABLE ENERGY STORAGE
for which an application for a United States Patent was filed on May 24, 2012, and assigned Application Number 13/480, for which an application for a United States Patent was executed on June 6, 2012, and
Whereas, FastCAP Systems, Corporation of Boston, Massachusetts, here referred to "Assignee" whose mailing address 21 Drydock Avenue, 8 th Floor East, Boston, MA, 02210, is desirous of acquiring the entire right, title and interest in same;
Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledge, and other good valuable consideration, I/We, the Applicant(s), by these presents do sell, assign and transfer unto said assignee the full exclusive right to the invention in the United States as well as all foreign jurisdictions, the entire rights, title and interest and to any and all Patents which may be granted therefore. I/We hereby authorize and request the Director of the U.S. Pa and Trademark Office and any directorate of a foreign patent office there applied to, to issue said Patent to said Assignee, entire right, title, and interest in and to the same, for the sole use and behoof of the Assignee; and for the use and behoof legal representatives of the Assignee, to the full end of the term for which said Patent may be granted, as fully and entirely the same would have been held by me had this assignment and sale not been made.
Executed this 2 day of
ACKNOWLEDGEMENT:
Commonwealth of Massachusetts) SS:
County of Suffolk)
On this 2 ND day of John Cooley, Room to me to be the signer(s) of the attached document, and who swo or affirmed to me, under the penalties of perjury, that the contents of said document are truthful and accurate, to the best HIS knowledge and belief. SEAL SEAL IRA M. TURNER Notary Public CCMMONWEALTH OF MASSACHUSETTS My Commission Expires June 20, 2019
Signature of Notary Public

Whereas, I, <u>Morris Green</u>	of Brighton, Massachusetts,
hereafter referred to as "Applicant" or collectin	ctively as the "Applicants," have invented certain new and useful improvements
POWER SYSTEM FOR HIGH TEN STORAGE	MPERATURE APPLICATIONS WITH RECHARGEABLE ENERGY
for which an application for a United States P for which an application for a United States P	Patent was filed on May 24, 2012, and assigned Application Number 13/480,085, Patent was executed on June 6, 2012, and
Whereas, <i>FastCAP Systems</i> , <i>Corporation of</i> 21 Drydock Avenue, 8 th Floor East, Boston, same;	Boston, Massachusetts, here referred to "Assignee" whose mailing address is, MA, 02210, is desirous of acquiring the entire right, title and interest in the
valuable consideration, I/We, the Applicant(s exclusive right to the invention in the United and to any and all Patents which may be grant and Trademark Office and any directorate of a entire right, title, and interest in and to the sa	of one dollar (\$1.00), the receipt whereof is acknowledge, and other good and s), by these presents do sell, assign and transfer unto said assignee the full and I States as well as all foreign jurisdictions, the entire rights, title and interest in ted therefore. I/We hereby authorize and request the Director of the U.S. Patent a foreign patent office there applied to, to issue said Patent to said Assignee, the ame, for the sole use and behoof of the Assignee; and for the use and behoof of all end of the term for which said Patent may be granted, as fully and entirely as a sassignment and sale not been made.
Executed this 2 day of July, 2013	at Boston, Massachusetts.
	Mori Sheen Signature
ACKNOWLEDGEMENT:	
Commonwealth of Massachusetts) County of Suffolk)	SS:
knowledge and belief.	
Signature of Notary Public	

Whereas, I, Christopher JS Deane of Boston, Massachusetts,
hereafter referred to as "Applicant" or collectively as the "Applicants," have invented certain new and useful improvements in
POWER SYSTEM FOR HIGH TEMPERATURE APPLICATIONS WITH RECHARGEABLE ENERGY STORAGE
for which an application for a United States Patent was filed on May 24, 2012, and assigned Application Number 13/480,085, for which an application for a United States Patent was executed on June 6, 2012, and
Whereas, FastCAP Systems, Corporation of Boston, Massachusetts, here referred to "Assignee" whose mailing address is 21 Drydock Avenue, 8 th Floor East, Boston, MA, 02210, is desirous of acquiring the entire right, title and interest in the same;
Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the Applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the invention in the United States as well as all foreign jurisdictions, the entire rights, title and interest in and to any and all Patents which may be granted therefore. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office and any directorate of a foreign patent office there applied to, to issue said Patent to said Assignee, the entire right, title, and interest in and to the same, for the sole use and behoof of the Assignee; and for the use and behoof of legal representatives of the Assignee, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.
Executed this 2 day of July, 2012 at Boston, Massachusetts.
Signature
ACKNOWLEDGEMENT:
Commonwealth of Massachusetts)
Ounty of Suffolk) SS:
On this 2 ^{nb} day of vey , 2012, before me, the undersigned authority, personally appeared CHRISTOPHER JS DEANE, known to me to be the signer(s) of the attached document, and who swore or affirmed to me, under the penalties of perjury, that the contents of said document are truthful and accurate, to the best of AIS knowledge and belief.
SEAL IRA M. TURNER Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires June 20, 2019

Signature of Notary Public

	Padmanaban Sasthan Kuttipillai of Malden, Massachusetts,
hereafter refer	red to as "Applicant" or collectively as the "Applicants," have invented certain new and useful improvements
POW STOF	ER SYSTEM FOR HIGH TEMPERATURE APPLICATIONS WITH RECHARGEABLE ENERGY RAGE
for which an ap	pplication for a United States Patent was filed on May 24, 2012, and assigned Application Number 13/480,085, pplication for a United States Patent was executed on June 7, 2012 and
Whereas, <i>Fast</i> 21 Drydock A same;	CAP Systems, Corporation of Boston, Massachusetts, here referred to "Assignee" whose mailing address is venue, 8th Floor East, Boston, MA, 02210, is desirous of acquiring the entire right, title and interest in the
exclusive right and to any and and Trademark entire right, titl- legal representa	e, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledge, and other good and deration, I/We, the Applicant(s), by these presents do sell, assign and transfer unto said assignee the full and to the invention in the United States as well as all foreign jurisdictions, the entire rights, title and interest in all Patents which may be granted therefore. I/We hereby authorize and request the Director of the U.S. Patent Office and any directorate of a foreign patent office there applied to, to issue said Patent to said Assignee, the e, and interest in and to the same, for the sole use and behoof of the Assignee; and for the use and behoof of the Assignee, to the full end of the term for which said Patent may be granted, as fully and entirely as I have been held by me had this assignment and sale not been made.
Executed this _	aday of July, 2012 at Boston, Massachusetts. Signature
ACKNOWLED	
Commonwealth County of Suffo	of Massachusetts)) SS:
On this 2 PADM appeared PADM or affirmed to m	day of Luy, 20/2, before me, the undersigned authority, personally ANABAN SASTHAN LUTTIPIUM, known to me to be the signer(s) of the attached document, and who swore le, under the penalties of perjury, that the contents of said document are truthful and accurate, to the best of edge and belief. SEAL SEAL RAM. TURNER Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires June 20, 2019

vvnereas, I, Lindsay A. Wilhelmus	of <u>Lexington, Kentucky</u>
hereafter referred to as "Applicant" or improvements in	collectively as the "Applicants," have invented certain new and usefu
POWER SYSTEM FOR HIGH T ENERGY STORAGE	FEMPERATURE APPLICATIONS WITH RECHARGEABLE
for which an application for a United Sta 13/480,085, for which an application for and	ates Patent was filed on May 24, 2012, and assigned Application Number a United States Patent was executed on,
Whereas, <i>FastCAP Systems, Corpor</i> mailing address is 21 Drydock Avenue, title and interest in the same;	ration of Boston, Massachusetts, here referred to "Assignee" whose 8 th Floor East, Boston, MA, 02210, is desirous of acquiring the entire right,
good and valuable consideration, I/We, assignee the full and exclusive right to entire rights, title and interest in and authorize and request the Director of t patent office there applied to, to issue sa same, for the sole use and behoof of the	sum of one dollar (\$1.00), the receipt whereof is acknowledge, and other the Applicant(s), by these presents do sell, assign and transfer unto said the invention in the United States as well as all foreign jurisdictions, the to any and all Patents which may be granted therefore. I/We hereby the U.S. Patent and Trademark Office and any directorate of a foreign aid Patent to said Assignee, the entire right, title, and interest in and to the he Assignee; and for the use and behoof of legal representatives of the which said Patent may be granted, as fully and entirely as the same would ent and sale not been made.
Executed this 12 day of June, 2012, a	at Lexington, Kentucky.
A OVALOVAL ED OFMENT	Signature Withlen
ACKNOWLEDGEMENT:	
Commonwealth of Kentucky)) SS:
County of Fayette)
<i>Wilhelmus</i> , proved to me through satisfa	ore me, the undersigned notary public, personally appeared <u>Lindsay A.</u> actory evidence of identification, to be the person whose name is signed nts, and acknowledged to me that he signed it voluntarily for its stated
	SEAL
Signature of Notary Public	Bruce Bates Notary Public, Kentucky State at Large ID# 424965 My Commission Expires August 16, 2014

RECORDED: 07/11/2012