Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Arthur J. Collmeyer	09/27/2004	
Anatoly Shteynberg	10/03/2004	
Junjie Zheng	10/11/2004	
Paul F. King	10/23/2004	
Dickson T. Wong	10/23/2004	
Harry Rodriguez	10/11/2004	

RECEIVING PARTY DATA

Name:	iWatt Inc.
Street Address:	101 Albright Way
City:	Los Gatos
State/Country:	CALIFORNIA
Postal Code:	95032

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	12146261
Application Number:	12146273

CORRESPONDENCE DATA

Fax Number: (650)938-5200

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650-988-8500
Email: jsong@fenwick.com
Correspondent Name: Jae Won Song
Address Line 1: Fenwick & West LLP
Address Line 2: 801 California Street

Address Line 4: Mountain View, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER: 23516-14348

PATENT

500813725 REEL: 022431 FRAME: 0214

1214 DO.US¢ F

NAME OF SUBMITTER: Jae Won Song, Reg. No. 59,070 Total Attachments: 12 source=8365 US Assignment for Div 14348 adn 14349#page1.tif source=8365 US Assignment for Div 14348 adn 14349#page2.tif source=8365 US Assignment for Div 14348 adn 14349#page3.tif source=8365 US Assignment for Div 14348 adn 14349#page4.tif source=8365 US Assignment for Div 14348 adn 14349#page5.tif source=8365 US Assignment for Div 14348 adn 14349#page6.tif

source=8365 US Assignment for Div 14348 adn 14349#page10.tif source=8365 US Assignment for Div 14348 adn 14349#page11.tif source=8365 US Assignment for Div 14348 adn 14349#page12.tif

source=8365 US Assignment for Div 14348 adn 14349#page7.tif source=8365 US Assignment for Div 14348 adn 14349#page8.tif source=8365 US Assignment for Div 14348 adn 14349#page9.tif

PATENT REEL: 022431 FRAME: 0215

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **iWatt Inc.**, a California corporation, having a place of business at 90 Albright Way, Los Gatos, CA 95032, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled SYSTEM AND METHOD FOR INPUT CURRENT SHAPING IN A POWER CONVERTER ("APPLICATION"), which:
 - is to be filed herewith
 was filed on June 28, 2004,
 now bearing U.S. application number 10/880,221.
 - The APPLICATION claims priority from a co-pending application filed on June 30, 2003, now bearing U.S. application serial number 10/610,977.
 - 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENT 23516/08635/DOCS/1447175.1 REEL: 022431 FRAME: 0216

Title: System and Method for Input Current Shaping in a Pow Filed: June 28, 2004 Application No.: 10/880,221	er Converter
This Assignment may be executed in one of deemed an original and all of which may be taken to	or more counterparts, each of which shall be ogether as one and the same Assignment.
Name and Signature ARTHUR J. COLLMEYER	Date of Signature 9/27,2004
State of	
On before more [DATE] appeared ARTHUR J. COLLMEYER, personally known to evidence to be the person whose name is subscribed to the vexecuted the same in his authorized capacity, and that by his support behalf of which the person acted, executed the instrument	within instrument and acknowledged to me that he signature on the instrument the person, or the entity
Notary Seal	Notary
Name and Signature Apatoly Shteynberg ANATOLY SHTEYNBERG	Date of Signature /oog 2004
State of	
On before meaning the person acted, executed the instrument upon behalf of which the person acted, executed the instrument	within instrument and acknowledged to me that he signature on the instrument the person, or the entity
Notary Seal	Notary

PATENT
23516/086357DOCS/1447175.1
REEL: 022431 FRAME: 0217

Title of Document: ASSIGNMENT

Re:

Re: Title: System and Method for Input Current Sh Filed: June 28, 2004 Application No.: 10/880,221	naping in a Power Co	nverter .
Name and Signature		Date of Signature
		10-11-04,2004
JUNJIE ZHENG	•	
State of	2	
State of	5.	
On	before me,	personally [NOTARY PUBLIC]
[DATE] appeared JUNJIE ZHENG, personally known		[NOTARY PUBLIC]
the person whose name is subscribed to the wit in his authorized capacity, and that by his sig which the person acted, executed the instrumen	nature on the instrur	nent the person, or the entity upon behalf of
Notary Seal		Notary
Name and Signature		Date of Signature
		Date of Signature , 2004
Name and Signature PAUL F. KING State of	S.	
PAUL F. KING State of		, 2004
PAUL F. KING State of	before me, to me or proved to n thin instrument and ac mature on the instrum	

PATENT 235 16/086357DOCS/1447175.1 REEL: 022431 FRAME: 0218

Title of Document: ASSIGNMENT

Re: Title: System and Method for Input Current Shapir Filed: June 28, 2004 Application No.: 10/880,221	ng in a Power Conve	erter	
	•		
Name and Signature		Date of Signature	
		<u>,</u>	, 2004
DICKSON T. WONG			
State of			
On[DATE]	hoforo mo		nerconally
appeared DICKSON T. WONG, personally know to be the person whose name is subscribed to the w same in his authorized capacity, and that by his sign of which the person acted, executed the instrument.	n to me or proved the vithin instrument and gnature on the instrument.	o me on the basis of satis: I acknowledged to me that	factory evidence he executed the
Notary Seal		Notary	
Name and Signature		Date of Signature	
Name and Signature HARRY RODRIGUEX		10-11	, 2004
State of		,	
On	hefore me		personally
On[DATE]		[NOTARY PUBLIC]	p
appeared HARRY RODRIGUEZ, personally know to be the person whose name is subscribed to the w same in his authorized capacity, and that by his sign of which the person acted, executed the instrument.	wn to me or proved vithin instrument and gnature on the instru	to me on the basis of satis: I acknowledged to me that	factory evidence he executed the

PAIENI
23516/086357DOCS/1447175.1
REEL: 022431 FRAME: 0219

Title of Document: ASSIGNMENT

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **iWatt Inc.**, a California corporation, having a place of business at 90 Albright Way, Los Gatos, CA 95032, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled SYSTEM AND METHOD FOR INPUT CURRENT SHAPING IN A POWER CONVERTER ("APPLICATION"), which:

	is to be filed herewith	
\boxtimes	was filed on June 28, 2004,	
	now bearing U.S. application number	10/880,221.

- The APPLICATION claims priority from a co-pending application filed on June 30, 2003, now bearing U.S. application serial number 10/610,977.
- 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

1 of 4

Case Docket #23516-08635

Date of Signature
,2004
ne,personally [NOTARY PUBLIC]
[NOTARY PUBLIC] o me or proved to me on the basis of satisfactory
Notary
Date of Signature
,2004
e, personally [NOTARY PUBLIC]

Case Docket #23516-08635

Title of Document: ASSIGNMENT	
Re: Title: System and Method for Input Current Shaping in a Power Filed: June 28, 2004 Application No.: 10/880,221	er Converter
Name and Signature	Date of Signature
JUNJIE ZHENG	,2004
State of	
Onbefore me [DATE] appeared JUNJIE ZHENG, personally known to me or prov be the person whose name is subscribed to the within instrumsame in his authorized capacity, and that by his signature on the of which the person acted, executed the instrument.	ent and acknowledged to me that he executed the
Notary Seal	Notary
Name and Signature Auffil PAUL F. KING State of Florida }S.S.	Date of Signature Oc. 1. 23 ,2004
On Oct 23, 2004 before me [DATE] appeared PAUL F. KING, personally known to me or proved the person whose name is subscribed to the within instrume same in his authorized capacity, and that by his signature on the of which the person acted, executed the instrument. DAVID RODRIGUEZ Notary Public. State of Florida My comm. expires Jan. 18, 2005 No. CC994752	to me on the basis of satisfactory evidence to be not and acknowledged to me that he executed the

Case Docket #23516-08635

Title of Document: ASSIGNMENT	
Re: Title: System and Method for Input Current Shaping in Filed: June 28, 2004 Application No.: 10/880,221	a Power Converter
Name and Signature	Date of Signature
	,2004
DICKSON T. WONG	···
State of} S.S.	
State of	
On bet	ore me, personally [NOTARY PUBLIC]
[DATE]	[NOTARY PUBLIC] ne or proved to me on the basis of satisfactory evidence
to be the person whose name is subscribed to the with	n instrument and acknowledged to me that he executed
the same in his authorized capacity, and that by his significant behalf of which the person acted, executed the instrument	enature on the instrument the person, or the entity upon
benan of which the person acted, executed the histaning	ш.
Notary Seal	Notary
1 totally sour	11044
Troday 500x	Tionaly
Total Jour	Tionaly
	Date of Signature
Name and Signature	Date of Signature
Name and Signature HARRY RODRIGUEZ	Date of Signature
Name and Signature	Date of Signature
Name and Signature HARRY RODRIGUEZ State of	Date of Signature
Name and Signature HARRY RODRIGUEZ State of	Date of Signature
Name and Signature HARRY RODRIGUEZ State of	Date of Signature
Name and Signature HARRY RODRIGUEZ State of	Date of Signature
Name and Signature HARRY RODRIGUEZ State of	Date of Signature
Name and Signature HARRY RODRIGUEZ State of	Date of Signature
Name and Signature HARRY RODRIGUEZ State of	Date of Signature
Name and Signature HARRY RODRIGUEZ State of	Date of Signature
Name and Signature HARRY RODRIGUEZ State of	Date of Signature
Name and Signature HARRY RODRIGUEZ State of	Date of Signature

Case Docket #23516-08635

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **iWatt Inc.**, a California corporation, having a place of business at 90 Albright Way, Los Gatos, CA 95032, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1.	The	entire	worldwide	e right,	title,	and	interest	in	all	inve	ntion	s and
improvements	("SU	BJECT	MATTER	(") that	are dis	sclose	ed in the	pro	visio	nal	applic	cation
filed under 3	5 U.S	S.C. §1	11(b) or 1	non-prov	visiona	1 app	lication	file	d ur	nder	35 L	J.S.C.
§111(a) and ea	ntitled	SYST	EM AND	METHO	OD FO	RIN	PUT CU	RR	ENI	SH	APIN	IG IN
A POWER C	ONV	ERTER	R ("APPLIC	CATION	J"), wh	ich:						

- is to be filed herewith
 was filed on <u>June 28, 2004</u>,
 now bearing U.S. application number 10/880,221.
- The APPLICATION claims priority from a co-pending application filed on June 30, 2003, now bearing U.S. application serial number 10/610,977.
- 2. The entire worldwide right, title, and interest in and to:
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be recessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Case Docket #23516-08635 1 of 4

Title of Document: ASSIGNMENT			
Re: Title: System and Method for Input Current Shap Filed: June 28, 2004	ping in a Power Con	verter	
Application No.: 10/880,221			·
Name and Signature		Date of Signature	
ARTHUR J. COLLMEYER			,2004
State of DS S			
State of			
On[DATE]	before me,	D IOTA DV DI DI IOI	_personally
appeared ARTHUR J. COLLMEYER , personal evidence to be the person whose name is subscreaxecuted the same in his authorized capacity, a entity upon behalf of which the person acted, exe	ibed to the within in and that by his signa	strument and acknowledge ture on the instrument the	d to me that he
Notary Seal		Notary	
Name and Signature		Date of Signature	
ANATOLY SHTEYNBERG			, 2004
State of			
On	bed to the within ins nd that by his signat	strument and acknowledge cure on the instrument the	to me that he
Notary Seal	, manada and and and and and and and and an	Notary	

Case Docket #23516-08635

Title of Document: ASSIGNMENT			
Re: Title: System and Method for Input Current Shar Filed: June 28, 2004 Application No.: 10/880,221	ping in a Power Con	verter	
Name and Signature		Date of Signature	
JUNJIE ZHENG		,	, 2004
State of			
On [DATE]	before me,		personally
appeared JUNJIE ZHENG , personally known to be the person whose name is subscribed to the warme in his authorized capacity, and that by his sof which the person acted, executed the instrument	vithin instrument and signature on the instr	l acknowledged to me that	he executed the
Notary Seal		Notary	
Name and Signature		Date of Signature	2004
PAUL F. KING			, 2004
State of			
On[DATE] appeared PAUL F. KING, personally known to the person whose name is subscribed to the with same in his authorized capacity, and that by his stof which the person acted, executed the instrument	me or proved to me hin instrument and a ignature on the instru	acknowledged to me that I	vevidence to be he executed the
Notary Seal		Notary	

Case Docket #23516-08635

Filed: June 28, 2004 Application No.: 10/880,221	rent Shaping in a Power Co	onverter
Name and Signature DICKSON T WONG		<u>Date of Signature</u> /0 - 23 - Zoo4 ₂₀₀₄
State of		
ppeared DICKSON T. WONG , personal be the person whose name is subscribe	ally known to me or prove ed to the within instrument that by his signature on t	personally [NOTARY PUBLIC] ed to me on the basis of satisfactory evidence nt and acknowledged to me that he executed the instrument the person, or the entity upon
Notary Seal	·	Notary
Varne and Signature		Date of Signature
		Date of Signature , 2004
Name and Signature IARRY RODRIGUEZ Itate of		•
tate of	onally known to me or subscribed to the within acity, and that by his sig	

23516/08635/DOCS/1447175.1

PATENT REEL: 022431 FRAME: 0227

RECORDED: 03/20/2009

Title of Document: ASSIGNMENT