# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Abdelkrim Younsi	04/06/2007
Seyed Gholamali Saddoughi	04/06/2007
John Thomas Herbon	04/10/2007
Florian Peter Pintgen	04/09/2007

### **RECEIVING PARTY DATA**

Name:	General Electric Company
Street Address:	1 River Road
City:	Schenectady
State/Country:	NEW YORK
Postal Code:	12345

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11734370

## **CORRESPONDENCE DATA**

Fax Number: (860)286-0115

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

Phone: 8602862929

Email: smancini@cantorcolburn.com

Correspondent Name: Pamela J. Curbelo
Address Line 1: 55 Griffin Road South

Address Line 4: Bloomfield, CONNECTICUT 06002

ATTORNEY DOCKET NUMBER:	217839-1
NAME OF SUBMITTER:	Pamela I Curhelo

Total Attachments: 15

source=217839-1\_Assignment#page1.tif

PATENT REEL: 019151 FRAME: 0809

500257416

X 840 00

	source=217839-1_Assignment#page2.tif source=217839-1_Assignment#page3.tif source=217839-1_Assignment#page4.tif source=217839-1_Assignment#page5.tif source=217839-1_Assignment#page6.tif source=217839-1_Assignment#page7.tif source=217839-1_Assignment#page8.tif source=217839-1_Assignment#page9.tif source=217839-1_Assignment#page10.tif source=217839-1_Assignment#page11.tif source=217839-1_Assignment#page13.tif source=217839-1_Assignment#page13.tif source=217839-1_Assignment#page14.tif
	source=217839-1_Assignment#page13.tif source=217839-1_Assignment#page14.tif source=217839-1_Assignment#page15.tif
ı	

PATENT REEL: 019151 FRAME: 0810

### **ASSIGNMENT**

In accordance with my/our obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Abdelkrim Younsi of Ballston Lake, NY USA
Seyed Gholamali Saddoughi of Clifton Park, NY USA
John Thomas Herbon of Rexford, NY USA
Florian Peter Pintgen of Schenectady, NY USA

hereby sell and assign to General Electric Company, a New York Corporation, (hereinafter referred to as "Company") having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the non-provisional application for United States Patent currently entitled:

# ELECTRO-DYNAMIC SWIRLER, COMBUSTION APPARATUS AND METHODS USING THE SAME

axecuted c	oncurrently herewith,
filed on	having Serial Number

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nomlnees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR 1	1			
Signature: Abdelkrim Younsi	100Wh	Date:	46/07	
Witnessed by:  Signature  Printed Name of V	lan Dam Witness	Date:	1/6/07	
Witnessed by: Ayman Ed	1-Refaie	Date: 4	16/07	
Signature	channed Fai		· ·	
SECTION BELOW IS FOR USE ON	ILY IF SIGNING IN P	RESENCE OF	A NOTARY	
Abdelkrim Younsi	Date:			
STATE OF COUNTY OF	SS.			·
This day of Abdelkrim Younsi, to me personally who acknowledged to me that he/she set forth.	Known as the indivi	niiai who execi	uted the foregoin	a accianment
Seal	/N1_t_	m, Diskital		
	(IVOTA	ry Public)		

INVENTOR 2			
Signature:	ved Gholamall Saddoughi	Date:	·
Witnessed by: _	Signature	Date:	
	Printed Name of Witness		
Witnessed by: _	Signature	Date:	
	Printed Name of Witness	<del></del>	·
SECTION BELO	OW IS FOR USE ONLY IF S	IGNING IN PRESENCE O	F A NOTARY
Seyed Gholama	li Saddoughi	ie:	<u> </u>
STATE OF	59.		
This day Seyed Gholama assignment, who ourposes therein	o acknowledged to me that	before me personally nally known as the individual he/she executed the same	came the above-named fual who executed the foregoing se of his/her own free will for the
Seal	· · · · · · · · · · · · · · · · · · ·	(Notary Public)	·

Page 3 of 5

For use by GE and GE Preferred Providers
© 1998-2005, 2006 General Electric Company Effective 1 January 2006

INVENTOR 3			
Signature:John -	Thomas Herbon	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witnes	s	
Witnessed by:	Signature	Date:	
	Printed Name of Witnes	S	·
SECTION BELOW	. D	SIGNING IN PRESENCI	
John Thomas Her	oon		
STATE OF	S	s.	
This day o John Thomas He assignment, who a purposes therein s	acknowledged to me tha	before me personally known as the indivate he/she executed the s	ally came the above-named idual who executed the foregoing same of his/her own free will for the
Seal		(Notary Public)	

Page 4 of 5

INVENTOR 3						
Signature:Floris	ın Peter Pintgen		Date: _	· ·		
Witnessed by:	Signature		Date: _			
_	Printed Name of Witnes	SS				
Witnessed by:	Signature		Date: _			
	Printed Name of Witnes	SS .				
	N IS FOR USE ONLY IF	SIGNING		OF A NOTAR	Y	
Florian Peter Pint	gen	Date:	·			
STATE OF	\$	SS.				
Florian Peter Pinto	of, gen, to me personally kn d to me that he/she exec	own as the	: individual who e	executed the fo	oregoing assi	gnment, therein
Seal	_		(Notary Public)			

### **ASSIGNMENT**

In accordance with my/our obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Abdelkrim Younsi	of	Baliston Lake, NY USA
Seyed Gholamali Saddoughi	of	Clifton Park, NY USA
John Thomas Herbon	of	Rexford, NY USA
Florian Peter Pintgen	of	Schenectady, NY USA

hereby sell and assign to General Electric Company, a New York Corporation, (hereinafter referred to as "Company") having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the non-provisional application for United States Patent currently entitled:

# ELECTRO-DYNAMIC SWIRLER, COMBUSTION APPARATUS AND METHODS USING THE SAME

axecuted cor	ncurrently herewith,
☐ filed on	having Serial Number

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful caths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR 1			
Signature:Abo	delkrim Younsi	Date: _	
Witnessed by: _	Signature	Date: _	
	Printed Name of Witness	5	
Witnessed by: _	Signature	Date: _	
	Printed Name of Witness		
SECTION BELC	W IS FOR USE ONLY IF S		OF A NOTARY
Abdelkrim Young	si Da	te:	- <b></b>
STATE OF	SS.		
TOWORKS I COME	of, si, to me personally known ed to me that he/she execu	i as ine individual wild ex	y came the above-named recuted the foregoing assignment vn free will for the purposes thereir
Seal		(Notary Public)	

\* For use by GE and GE Preferred Providers
© 1998-2005, 2006 General Electric Company Effective 1 January 2006

REEL: 019151 FRAME: 0817

INVENTOR 2			·	
Signature:Seyed Gholamali S	addoughi	Date:		
Witnessed by:Signato	иге	Date:		_
Printed Name	of Witness			
Witnessed by:Signatu	ire	Date:		·-
Printed Name	of Witness	,		
SECTION BELOW IS FOR USE	ONLY IF SIGNING	IN PRESENCE OF A N	IOTARY	
Seyed Gholamali Saddoughi	Date:		•	
STATE OF	ss.			
This day of Geyed Gholamali Saddoughi, to assignment, who acknowledged ourposes therein set forth.	) rne bersonaliv kno	wh as the individual w	the executed the fi	oregoing Il for the
Seal		Notary Public)		

Page 3 of 5

NVENTOR 3	
Signature: John Thomas Herbon	Date: 4/10/07
Vitnessed by: Number Signature	Date: 4 10 0 7
Printed Name of Witness	
Witnessed by: Signature	Date: 4/10/07
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING IN F	RESENCE OF A NOTARY
John Thomas Herbon	And the second s
John Thomas Repoor	
STATE OF ss.	
This day of, before a John Thomas Herbon, to me personally known as assignment, who acknowledged to me that he/she exemptroses therein set forth.	ne personally came the above-named the individual who executed the foregoing cuted the same of his/her own free will for the
Seal (Not	ary Public)

. Page 4 of 5

	DOCKET NUMBER: 217839-1
INVENTOR 4	
Signature: Florian eter Pinigen	Date: 09 April 7007
Witnessed by:	Date: 04/09/2007
Printed Name of Witness	(1 2 1 -
Witnessed by: White A Grand Signature  Venkat Taugirula  Printed Name of Witness	Date: 04/09/2007
Printed Name of Wilness	
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRI	ESENCE OF A NOTARY
Florian Peter Pintgen Date:	A-Pa-E

Florian Peter Pintgen	Date:
STATE OF COUNTY OF	\$S.
	, before me personally came the above-named / known as the individual who executed the foregoing assignmen executed the same of his/her own free will for the purposes therei
Seal	(Notary Public)

Page 5 of 5

For use by GE and GE Preferred Providers
© 1998-2005, 2008 General Electric Company Effective 1 January 2006

#### **ASSIGNMENT**

In accordance with my/our obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Abdelkrim Younsi of Ballston Lake, NY USA
Seyed Gholamali Saddoughi of Clifton Park, NY USA
John Thomas Herbon of Rexford, NY USA
Florian Peter Pintgen of Schenectady, NY USA

hereby sell and assign to **General Electric Company**, a **New York Corporation**, (hereinafter referred to as "Company") having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the non-provisional application for United States Patent currently entitled:

# ELECTRO-DYNAMIC SWIRLER, COMBUSTION APPARATUS AND METHODS USING THE SAME

☐ filed on	having Serial Number		

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR 1				
Signature:Abdelkrim Younsi		Date:	·····	
Witnessed by:Signatur	re e	Date:		
Printed Name	of Witness			
Witnessed by: Signatur	re .	Date:		
Printed Name	of Witness			
SECTION BELOW IS FOR USE			A NOTARY	
Abdelkrim Younsi	Date:			
STATE OF COUNTY OF	ss.		· ·	
This day of Abdelkrim Younsi, to me person who acknowledged to me that he set forth.	ally known as the i	ndividual who exec	cuted the foreaoir	ng assignment.
Seal		Notary Public)		

INVENTOR 2	1
Signature: Seyed Gholamali Saddoughi	Date: APR 06-2007
Witnessed by:  Signature  Wehnet Arile  Printed Name of Witness	Date: <u>4.6.2007</u>
Witnessed by: Signature	Date: 4/6/2007
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	GNING IN PRESENCE OF A NOTARY
Date: Seyed Gholamali Saddoughi	
STATE OF ss.	
This day of,, Seyed Gholamali Saddoughi, to me persona assignment, who acknowledged to me that he purposes therein set forth.	before me personally came the above-named lly known as the individual who executed the foregoing e/she executed the same of his/her own free will for the
Seal	(Notary Public)

INVENTOR 3			
Signature:	n Thomas Herbon	Date:	
Witnessed by: _	Signature  Printed Name of Witness	Date:	
Witnessed by: _	Signature  Printed Name of Witness	Date:	
		GNING IN PRESENCE OF A NOTAR	
John Thomas H	erbon Date:		
STATE OF	SS.		
John Inomas	Herbon, to me personally locknowledged to me that h	before me personally came the ab- known as the individual who exec e/she executed the same of his/her	cuted the foregoind
Seal		(Notary Public)	

INVENTOR 3			
Signature:Flo	rian Peter Pintgen	Date:	
Witnessed by:		Date:	
	Signature		
	Printed Name of Witness		
Witnessed by: _	Signature	Date:	
	Printed Name of Witness		
SECTION BELO	OW IS FOR USE ONLY IF SIG	INING IN PRESENCE OF A NO	OTARY
Florian Peter Pir	Date:		
STATE OF	ss.	•	
COUNTY OF			
Fiorian Feter Fil	ligen, to me personally known	before me personally came t as the individual who executed the same of his/her own free v	the toregoing assignment
Seal		(Notary Public)	

Page 5 of 5

For use by GE and GE Preferred Providers
© 1998-2005, 2006 General Electric Company Effective 1 January 2006

**RECORDED: 04/12/2007** 

**PATENT REEL: 019151 FRAME: 0825**