# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Brent Charles Kumfer	08/16/2007
William James Premerlani	08/16/2007
Robert Joseph Caggiano	08/28/2007
Kanakasabapathi Subramanian	08/16/2007
David James Lesslie	08/20/2007

### **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:	11763646

### **CORRESPONDENCE DATA**

Fax Number: (404)607-9981

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

Phone: 404-607-9991

Email: asingleton@cantorcolburn.com

Correspondent Name: Cantor Colburn LLP
Address Line 1: 55 Griffin Road South

Address Line 4: Bloomfield, CONNECTICUT 06002

ATTORNEY DOCKET NUMBER:	225113-1
NAME OF SUBMITTER:	Greg O'Bradovich

PATENT REEL: 019786 FRAME: 0069

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**Total Attachments: 18** source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=assignment#page4.tif source=assignment#page5.tif source=assignment#page6.tif source=assignment#page7.tif source=assignment#page8.tif source=assignment#page9.tif source=assignment#page10.tif source=assignment#page11.tif source=assignment#page12.tif source=assignment#page13.tif source=assignment#page14.tif source=assignment#page15.tif source=assignment#page16.tif source=assignment#page17.tif source=assignment#page18.tif

> PATENT REEL: 019786 FRAME: 0070

### <u>ASSIGNMENT</u>

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,

Brent Charles Kumfer	of	Farmington, Connecticut
William James Premerlani	of	Scotia, New York
Robert Joseph Caggiano	of	Wolcott, Connecticut
Kanakasabapathi Subramanian	of	Clifton Park, New York
David James Lesslie	of	Plainville, Connecticut

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:

# MEMS BASED MOTOR STARTER WITH MOTOR FAILURE DETECTION

executed concurrently herewith,		
filed on June 15, 2007having Serial Number 11/763 646		

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: Trut Humhl Brent Charles Kumfer	Date: 8/16/07
Witnessed by: Edli Papa dh. Signature	
EDL PAPA? Printed Name of With	ness Lauful Date: 8/16/07
Witnessed by:  Signature  Alison Ho  Printed Name of Witnessed	refele
SECTION BELOW IS FOR USE ONLY	IF SIGNING IN PRESENCE OF A NOTARY
Brent Charles Kumfer	Date:
STATE OF COUNTY OF	ss.
This day of Brent Charles Kumfer, to me pers assignment, who acknowledged to me purposes therein set forth.	before me personally came the above-named sonally known as the individual who executed the foregoing that he/she executed the same of his/her own free will for the
Seal	(Notary Public)

INVENTOR 2			
Signature:	es Premerlani	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witnes	ess ess	
Witnessed by: _	Signature	Date: _	
	Printed Name of Witnes	es S	
	D	SIGNING IN PRESENCE	
STATE OF	s	s.	
This day William Jame assignment, who purposes thereir	s Premerlani, to me per o acknowledged to me th	rsonally known as the ind	lly came the above-named ividual who executed the foregoing ame of his/her own free will for the
Seal		(Notary Public)	

INVENTOR 3		
Signature: Deleta Cag Robert Joseph Caggiaño	Date: 8/28/2007	
Witnessed by: USFIN Pullar Signature		
Tustin Billa Printed Name of With  Witnessed by: Edli Papad Signature	hima Date: <u>08/28/2007</u>	
EDLI PAPADE Printed Name of With		
SECTION BELOW IS FOR USE ONLY	IF SIGNING IN PRESENCE OF A NOTARY	
Robert Joseph Caggiano	Date:	
STATE OF COUNTY OF	ss.	
This day of, before me personally came the above-named Robert Joseph Caggiano, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.		
Seal		
	(Notary Public)	

INVENTOR 4			
Signature: Kanakasaba	pathi Subramanian	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witner	 SS	
Witnessed by:	Signature	Date:	
	Printed Name of Witnes	ess ess	
SECTION BELO	OW IS FOR USE ONLY IF	SIGNING IN PRESENCE	
nanakasabap	atni Supranamian		
STATE OF COUNTY OF	s	ss.	
This day <b>Kanasabapati</b> assignment, who purposes thereir	o acknowledged to me th	before me persona personally known as the ir at he/she executed the s	ally came the above-named ndividual who executed the foregoing ame of his/her own free will for the
Seal		(Notary Public)	

INVENTOR 5		
Signature: And James Z David James Lesslie	Date: 8/20/07	
Witnessed by: Day A Construction Signature	o BARGE	
Printed Name of Wit  Witnessed by: Justin Signature  Justin Bullan	d Date: 08/20/07	
Printed Name of Witi		
TO THE TOTAL PORT OF THE TENT	IF SIGNING IN PRESENCE OF A NOTARY	
David James Lesslie	Date:	
STATE OF COUNTY OF	SS.	
This day of, before me personally came the above-named David James Lesslie, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.		
Seal		
-	(Notary Public)	

Page 6 of 6

#### <u>ASSIGNMENT</u>

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,

Brent Charles Kumfer of Farmington, Connecticut William James Premerlani of Scotia, New York Robert Joseph Caggiano of Wolcott, Connecticut Kanakasabapathi Subramanian of Clifton Park, New York David James Lesslie of Plainville, Connecticut

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:

# MEMS BASED MOTOR STARTER WITH MOTOR FAILURE DETECTION

لسا	executed concurrently herewith,
$\boxtimes$	filed on June 15, 2007having Serial Number 11/763,646

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: Brent Charles	s Kumfer	Date:	
Witnessed by: _	Signature	Date:	
	Printed Name of Witne		
Witnessed by: _	Signature	Date:	
	Printed Name of Witne	ess	
SECTION BELO	OW IS FOR USE ONLY I	F SIGNING IN PRESENCE	
STATE OF		ss.	
Dient Chanes	acknowledged to me to	onally known as the indi-	ally came the above-named vidual who executed the foregoing ame of his/her own free will for the
Seal	-	(Notary Public)	

Signature: A John John Milliam James Premerlani	<u>enst</u> an'	Date: _	8/16/07	
Witnessed by: Hongrad	- Kolymone	Date: _	8/16/07	
<u>MAウA サみズデ</u> Printed Name of W	<u>ΜΑΝ 70</u> Δο. Vitness	ROVIC		
Witnessed by: Armond A Signature	Marwy	Date: _	3/16/07	
	Moovey /itness			
SECTION BELOW IS FOR USE ONL	Y IF SIGNING IN	PRESENCE (	OF A NOTARY	
William James Premerlani	Date:			
STATE OF COUNTY OF	SS.			
This day of	e personally know	m as the indiv	idual who executed the forego	ing the
Seal	(Nc	tary Public)		

INVENTOR 3			
Signature:Robert Jose	ph Caggiano	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness	- Management of the state of th	
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
SECTION BEL		GNING IN PRESENCE OF A NOTARY	<del></del>
Robert Josep	h Caggiano Date	:	
STATE OF	SS.		
izoneir aoseh	o acknowledged to me that i	before me personally came the above-named ally known as the individual who executed the fone/she executed the same of his/her own free will	regoing for the
Seal		(Notary Public)	

INVENTOR 4					
Signature: Kanakasaba	pathi Subramanian		Date: _		
Witnessed by:	Signature		Date:		
	Printed Name of Witne	ess			
Witnessed by:	Signature		Date:		
	Printed Name of Witne				
SECTION BEL	OW IS FOR USE ONLY I	IF SIGNING	IN PRESENCE C	F A NOTARY	
STATE OF		SS.			
This day Kanasabapati assignment, who purposes thereir	of	bet personally hat he/she	ore me personally known as the indivexecuted the sam	came the above vidual who execuse of his/her own	-named ited the foregoing in free will for the
Seal			(Notary Public)		

INVENTOR 5			
Signature:	s Lesslie	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witne	SS	
Witnessed by:	Signature	Date:	
	Printed Name of Witne	SS	
SECTION BEL	OW IS FOR USE ONLY IF	SIGNING IN PRESENC	E OF A NOTARY
David James	Lesslie	Date:	<del></del>
STATE OF	,	SS.	
This da <b>David James</b> assignment, whourposes therein	o acknowledged to me tr	before me personanally known as the indinat he/she executed the s	ally came the above-named vidual who executed the foregoing same of his/her own free will for the
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,

Brent Charles Kumfer of Farmington, Connecticut

William James Premerlani of Scotia, New York
Robert Joseph Caggiano of Wolcott, Connecticut
Kanakasabapathi Subramanian of Clifton Park, New York
David James Lesslie of Plainville, Connecticut

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:

## MEMS BASED MOTOR STARTER WITH MOTOR FAILURE DETECTION

executed con	currently	herewith,		
filed on June	15, 2007h	naving Serial	Number	11/763,646

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: Brent Charle	es Kumfer	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
SECTION BEL	OW IS FOR USE ONLY IF	te:	
STATE OF	ss		
Brent Charle	<b>s Kumfer</b> , to me person no acknowledged to me tha	before me personally came the above-named ally known as the individual who executed the fore he/she executed the same of his/her own free will for	going or the
Seal		(Notary Public)	

INVENTOR 2			
Signature: William Jame	es Premerlani	Date:	
Witnessed by:	Signature	Date:	······
	Signature		
	Printed Name of Witness	<del></del>	
Witnessed by:	Signature	Date:	
	Signature		
	Printed Name of Witness	<u> </u>	
	OW IS FOR USE ONLY IF :		OF A NOTARY
	Do	ıto:	
William Jame	es Premerlani	me.	
STATE OF			
COUNTY OF	SS	s.	
This da	y of,	before me persona	ally came the above-named
William Jame assignment, wh purposes therei	no acknowledged to me tha	sonally known as the inc t he/she executed the s	dividual who executed the foregoing ame of his/her own free will for the
Seal			
		(Notary Public)	

INVENTOR 3			
Signature:		Date:	
Robert Josep	oh Caggiano		
Witnessed by:	Signature	Date:	
	Signature		
	Printed Name of Witne	SS	
Witnessed by:	Signature	Date:	
	Signature		
	Printed Name of Witne	SS	
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Robert Josep	h Caggiano	Jate:	<del></del>
STATE OF	,	SS.	
COUNTY OF			
unnerr anset	io acknowledged to me the	rsonally known as the inc	ally came the above-named dividual who executed the foregoing same of his/her own free will for the
Seal			
		(Notary Public)	

INVENTOR 4			
Signature: Kanakasabapathi S	abrana san	Date:	16,2007
Witnessed by:	Signature  Signature  Meng Man ted Name of Witness	Date: //vj	16, No.7
Witnessed by: <u> </u>	Signature Signature	Date: Aug	16, 200 Z
Prin	RUM KHURAMA ted Name of Witness		
SECTION BELOW IS	FOR USE ONLY IF SIGNING	IN PRESENCE OF A NOT	ARY
Kanakasabapathi S	Date: ubranamian		
STATE OF	ss.		
Kanasabapathi Sub	ramanian, to me personally k owledged to me that he/she erth.	nown as the individual who	o executed the foregoing
Seal		Notary Public)	

INVENTOR 5		
Signature: David James	Lesslie	Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	•••••••••••••••••••••••••••••••••••••••
Witnessed by:	Signature	Date:
	Printed Name of Witness	
	OW IS FOR USE ONLY IF S	IGNING IN PRESENCE OF A NOTARY
David James		e:
STATE OF	ss	
David James	Lesslie, to me persona no acknowledged to me that	before me personally came the above-named ly known as the individual who executed the foregoing he/she executed the same of his/her own free will for the
Seal		(Notary Public)

Page 6 of 6

**RECORDED: 09/05/2007**