

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| 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 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| 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 |

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**PATENT
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Total Attachments: 18

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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 concurrently herewith,

☒ filed on June 15, 2007 having 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 Kumfer
Brent Charles Kumfer

Date: 8/16/07

Witnessed by: Edli Papadhima
Signature

Date: 8/16/07

EDLI PAPADHIMA
Printed Name of Witness

Witnessed by: Alison Haefele
Signature

Date: 8/16/07

Alison Haefele
Printed Name of Witness

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 _____, _____ before me personally came the above-named
Brent Charles Kumfer, 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 2

Signature: _____
William James Premierlani

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

William James Premierlani

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **William James Premierlani**, 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 3

Signature: Robert Joseph Caggiano
Robert Joseph Caggiano

Date: 8/28/2007

Witnessed by: Justin Billard
Signature
Justin Billard
Printed Name of Witness

Date: 08/28/2007

Witnessed by: Edli Papadhima
Signature
EDLI PAPADHIMA
Printed Name of Witness

Date: 08/28/2007

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: _____
Kanakasabapathi Subramanian

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Kanakasabapathi Subramanian

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Kanasabapathi Subramanian**, 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 5

Signature: David James Lesslie
David James Lesslie

Date: 8/20/07

Witnessed by:

Dean A Robarge
Signature

Date: 8/20/07

DEAN A. ROBARGE
Printed Name of Witness

Witnessed by:

Justin Bullard
Signature

Date: 08/20/07

Justin Bullard
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY 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)

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,

| | | |
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| William James Premierlani | 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:

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☐ executed concurrently herewith,

☒ filed on June 15, 2007 having 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 Kumfer

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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 _____, _____ before me personally came the above-named **Brent Charles Kumfer**, 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 2

Signature: William James Premerlani
William James Premerlani

Date: 8/16/07

Witnessed by: MAJA HAREMAN TODOROVIC
Signature

Date: 8/16/07

MAJA HAREMAN TODOROVIC
Printed Name of Witness

Witnessed by: Lynne A. Mooney
Signature

Date: 8/16/07

Lynne A. Mooney
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

William James Premerlani Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **William James Premerlani**, 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 3

Signature: _____
Robert Joseph Caggiano

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Robert Joseph Caggiano

Date: _____

STATE OF

ss.

COUNTY OF

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: _____
Kanakasabapathi Subramanian

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Kanakasabapathi Subramanian Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Kanasabapathi Subramanian**, 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 5

Signature: _____
David James Lesslie

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY 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)

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,

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|-----------------------------|----|-------------------------|
| 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

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INVENTOR 1

Signature: _____
Brent Charles Kumfer

Date: _____

Witnessed by: _____
Signature

Printed Name of Witness

Date: _____

Witnessed by: _____
Signature

Printed Name of Witness

Date: _____

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Brent Charles Kumfer Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Brent Charles Kumfer**, 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 2

Signature: _____
William James Premierlani

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

William James Premierlani

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **William James Premierlani**, 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 3

Signature: _____
Robert Joseph Caggiano

Date: _____

Witnessed by: _____
Signature

Printed Name of Witness

Date: _____

Witnessed by: _____
Signature

Printed Name of Witness

Date: _____

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Robert Joseph Caggiano

Date: _____

STATE OF

ss.

COUNTY OF

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: K Subramanian
Kanakasabapathi Subramanian

Date: AUG-16, 2007

Witnessed by: Wei Cheng Tian
Signature
Wei-Cheng Tian
Printed Name of Witness

Date: Aug 16, 2007

Witnessed by: Tarun Khurana
Signature
TARUN KHURANA
Printed Name of Witness

Date: Aug 16, 2007

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Kanakasabapathi Subramanian Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Kanasabapathi Subramanian**, 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 5

Signature: _____
David James Lesslie

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

David James Lesslie

Date: _____

STATE OF

ss.

COUNTY OF

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.

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(Notary Public)