

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4692805

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEEVES BOUCHARD	11/09/2017
STEPHANE HAREL	11/09/2017
JOHN KARIGIANNIS	11/09/2017
NICOLAS SAUDRAIS	11/08/2017
DAVID CANTIN	11/09/2017
SER NAM LIM	11/09/2017
MAXIME BEAUDOIN POULIOT	11/07/2017
JEAN-PHILIPPE CHOINIERE	11/09/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GENERAL ELECTRIC COMPANY
<b>Street Address:</b>	1 RIVER ROAD
<b>City:</b>	SCHENECTADY
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	12345
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15814880
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)373-7153
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	203-366-7473
<b>Email:</b>	gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@dority-manning.com,docketing@d
<b>Correspondent Name:</b>	GENERAL ELECTRIC COMPANY GLOBAL PATENT O
<b>Address Line 1:</b>	901 MAIN AVENUE
<b>Address Line 2:</b>	3RD FLOOR
<b>Address Line 4:</b>	NORWALK, CONNECTICUT 06851
<b>ATTORNEY DOCKET NUMBER:</b>	319616-1/GEAS-125
<b>NAME OF SUBMITTER:</b>	DAVID E. CROMER
<b>SIGNATURE:</b>	/david e. cromer 54,768/

PATENT

<b>DATE SIGNED:</b>	11/16/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 10</b> source=319616-1_US_True_and_Accurate_Copy_Dec_Assignment_GEAS125#page1.tif source=319616-1_US_True_and_Accurate_Copy_Dec_Assignment_GEAS125#page2.tif source=319616-1_US_True_and_Accurate_Copy_Dec_Assignment_GEAS125#page3.tif source=319616-1_US_True_and_Accurate_Copy_Dec_Assignment_GEAS125#page4.tif source=319616-1_US_True_and_Accurate_Copy_Dec_Assignment_GEAS125#page5.tif source=319616-1_US_True_and_Accurate_Copy_Dec_Assignment_GEAS125#page6.tif source=319616-1_US_True_and_Accurate_Copy_Dec_Assignment_GEAS125#page7.tif source=319616-1_US_True_and_Accurate_Copy_Dec_Assignment_GEAS125#page8.tif source=319616-1_US_True_and_Accurate_Copy_Dec_Assignment_GEAS125#page9.tif source=319616-1_US_True_and_Accurate_Copy_Dec_Assignment_GEAS125#page10.tif	

COMBINED DECLARATION AND GLOBAL ASSIGNMENT  
FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

**ROBOTIC FEATURE MAPPING AND MOTION CONTROL**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number  
15/814,880 filed on November 16, 2017, as  
amended on [date] (if applicable).  
(We hereby authorize and request the Company or its delegated attorneys or agents to  
insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable  
under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application,  
including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this  
application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material  
information which became available between the filing date of the prior application and the filing  
date of the continuation-in-part application.

In accordance with our obligation(s) 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 General Electric Company, a New York corporation, and our  
employers), and/or for other good and valuable consideration of which we acknowledge receipt,  
I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Steeves		Bouchard	of	Granby	Quebec	Canada
Stephane		Harel	of	Granby	Quebec	Canada
John		Karigiannis	of	Laval	Quebec	Canada
Nicolas		Saudrais	of	Sherbrooke	Quebec	Canada
David		Cantin	of	Sherbrooke	Quebec	Canada
Ser	Nam	Lim	of	Niskayuna	New York	USA

Maxime	Beaudoin	Pouliot	of	Rougemont	Quebec	Canada
Jean-Philippe		Choiniere	of	Magog	Quebec	Canada

hereby sell and assign to:

Name of Company: <i>General Electric Company</i>
Entity Type (optional): New York Corporation
Address: <i>1 River Road, Schenectady, NY 12345 USA</i>

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

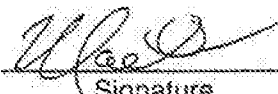
and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

Signature:   
**Steeves Bouchard**

Date: 9 nov 2017

Witnessed by:   
Signature

Date: 9 nov 2017

MARC-ANDRÉ ETHER  
Printed Name of Witness

Witnessed by:   
Signature

Date: 9 nov 2017

Manuel Jumeau  
Printed Name of Witness

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

\_\_\_\_\_  
**Steeves Bouchard** Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Steeves Bouchard, 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: [Signature]  
Stephane Harel

Date: 11-09-2017

Witnessed by: [Signature]  
Signature

Date: 11-09-2017

MICHEL-ANDRÉ GAGNON  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 11-09-2017

Manuel Lussier  
Printed Name of Witness

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

\_\_\_\_\_  
Stephane Harel Date: \_\_\_\_\_

STATE OF  
COUNTY OF

ss.

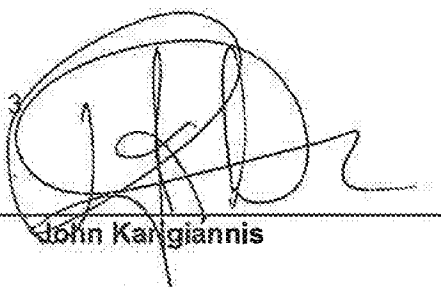
This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Stephane Harel, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 3

Signature:

  
John Karigiannis

Date:

Nov 9th 2017

Witnessed by:

  
Signature

Date:

Nov 9th 2017

Printed Name of Witness

MARC-ANDRÉ ST-ONGE

Witnessed by:

  
Signature

Date:

Nov 9th 2017

Printed Name of Witness

Samuel Savage

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

John Karigiannis

Date:

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named John Karigiannis, 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: Nicolas Saudrais  
Nicolas Saudrais

Date: 2017-11-08

Witnessed by: Laurent Saudrais  
Signature

Date: 2017-11-08

Laurent Saudrais  
Printed Name of Witness

Witnessed by: Philippe Fontaine  
Signature

Date: 2017-11-08

Philippe Fontaine  
Printed Name of Witness

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

\_\_\_\_\_  
Nicolas Saudrais Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Nicolas Saudrais, 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)

Docket No. 319616-1/GEAS-125

INVENTOR 5

Signature: David Cantin  
David Cantin

Date: 2017-11-09

Witnessed by: Michelle Reid  
Signature

Date: 11/9/2017

Michelle Reid  
Printed Name of Witness

Witnessed by: Erin Vogel  
Signature

Date: 11/9/2017

Erin Vogel  
Printed Name of Witness

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

\_\_\_\_\_  
David Cantin Date:

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named David Cantin, 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 6

Signature: Ser Nam Lim  
Ser Nam Lim

Date: Nov 9, 2017

Witnessed by: [Signature]  
Signature

Date: 11/9/2017

Alexander Renna  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 11/9/2017

MUSTAFA UZUNBAS  
Printed Name of Witness

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

\_\_\_\_\_  
Ser Nam Lim

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Ser Nam Lim, 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 7

Signature:   
Maxime Beaudoin Pouliot

Date: 11-09-2017

Witnessed by:   
Signature

Date: 11-07-2017

MARC-ANDRÉ ETHIER  
Printed Name of Witness

Witnessed by:   
Signature

Date: 11-09-2017

Manuel Savage  
Printed Name of Witness

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

\_\_\_\_\_  
Maxime Beaudoin Pouliot

Date: \_\_\_\_\_

STATE OF

ss.


COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Maxime Beaudoin Pouliot, 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

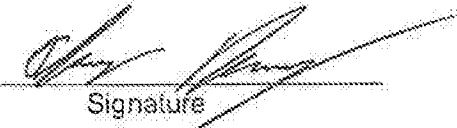
\_\_\_\_\_  
(Notary Public)

INVENTOR 8

Signature: 

Jean-Philippe Choiniere

Date: Nov. 9, 2017

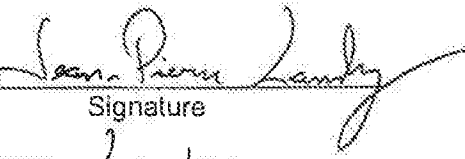
Witnessed by: 

Signature

Date: Nov 9 2017

Felix Beaudry

Printed Name of Witness

Witnessed by: 

Signature

Date: Nov 9 2017

Jean-Pierre Landry

Printed Name of Witness

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

Jean-Philippe Choiniere

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_

ss. \_\_\_\_\_

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Jean-Philippe Choiniere, 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)