### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

sion v1.1 EPAS ID: PAT6613990

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
YUEFENG LUO	07/18/2016
ALLAN R. BRIDGES	07/18/2016
CHRISTOPHER ALAN PANCZYK	07/18/2016
JASON CRUMB	08/16/2016
CHRISTOPHER MARK ANDREW PHILP	07/28/2016

### 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:	16200875

### **CORRESPONDENCE DATA**

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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.

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Correspondent Name: DORITY & MANNING, PA AND GENERAL ELECTRIC

Address Line 1: POST OFFICE BOX 1449

Address Line 4: GREENVILLE, SOUTH CAROLINA 29602

ATTORNEY DOCKET NUMBER:	R: 311274-US-2/GECV-310-DIV			
NAME OF SUBMITTER:	HEIDI C. HOOD			
SIGNATURE:	/Heidi C. Hood/			
DATE SIGNED:	03/22/2021			

**Total Attachments: 7** 

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PATENT REEL: 055670 FRAME: 0484

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PATENT REEL: 055670 FRAME: 0485

# 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:

## ELECTRODES FOR AND METHODS OF ELECTRICAL DISCHARGE MACHINING

	the specification of which is attached hereto OR
X	United States application or PCT international application number
	15/244,021 filed on August 23, 2016 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 Inventor First Name Middle Name		Inventor Last Name		Residence Town	Residence State	Residence Country	
Yuefena		Luo	of	Liberty Township	Ohio	USA	
Allan	R.	Bridges	of	Batavia	Ohio	USA	
Christopher	Alan	Panczyk	of	Maineville	Ohio	USA	
Jason '		Crumb	of	Eastlake	Ohio	USA	
Christopher	Mark Andrew	Philp	of	Cincinnati	Ohio	USA	

1

hereby sell and assign to:

Name of Company: General Electric Company
Entity Type (optional): New York corporation
Address: 1 River Road, Schenectady, New York 12345 USA

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	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.

## GE Docket No. 311274-1/GECV-310

INVENTOR 1	
Signature: Yuefeng Luo	Date: 7-18-2016
Witnessed by	Date:
<u> Vacob</u> Heas Printed Name of Witness	***
Witnessed by: Signature	Date: 7-18-2016
Printed Name of Witness  SECTION BELOW IS FOR USE ONLY IF SI	GNING IN PRESENCE OF A NOTARY
	Date:
Yueleng Luo	
STATE OF	
COUNTY OF	
	before me personally came the above-named individual who executed the foregoing assignment if the same of his/her own free will for the purposes
Seal	
	(Notary Public)

## GE Docket No. 311274-1/GECV-310

INVENTOR 2	
Signature: Altan R. Bridges	Date:
Witnessed by Sjoryalture	Date: 7-18-16
<u>しょこも ガルペタ</u> Printed Name of Witness	
Witnessed by: Signature	Date:
<u> </u>	
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
Allan R. Bridges	)ate:
STATE OF	
COUNTY OF	
This day of,,,,,,,,,,,,,,,	as the individual who executed the toregoin(
Seal	
	(Notary Public)

GE	Docket	No.	31	1274-	1/(	3E(	$\mathbb{V}$	-31	0
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INVENTOR 3

Signature: Christopher Alan Pahczyk	Date: 3/13/2016
Witnessed by: <u>Sara, Ph                                   </u>	Date: 7/16/20/6
Sonya M. Jolivette	
Printed Name of Witness	
Witnessed by: <u>Slovy</u> (Cottos Signature	Date:
SEAN KETTH Printed Name of Witness	
5 (Higgs samism of confirman	
SECTION BELOW IS FOR USE ONLY IF SIGN	ING IN PRESENCE OF A NOTARY
Di	ate:
Christopher Alan Panczyk	
STATE OF	
county of	
This day of	before me personally came the above-named a known as the individual who executed the that he/she executed the same of his/her own
Seal	
	(Notary Public)

INVENTOR 4	
Signature: Jason Crumb	Date: <u>8-46-76</u>
Witnessed by: Signature	Date:
Witnessed by Ana Call	Date; <u>8-16-16</u>
Aimee 2 3aster Printed Name of Witness	e
SECTION BELOW IS FOR USE ONLY IF SI	GNING IN PRESENCE OF A NOTARY
	Date:
Jason Crumb	
STATE OF	
COUNTY OF	
Jason Crumb, to me personally known as the	before me personally came the above-named _ individual who executed the foregoing assignment, the same of his/her own free will for the purposes
Seal	
	(Notary Public)

## GE Docket No. 311274-1/GECV-310

**INVENTOR 5** 

ommer Miller Miller	
Signature: Christopher Mark Andrew Philp	Joane:
Witnessed by: Signature	Date: 7/28/2016
Phil Lar.viere Printed Name of Witness	
Witnessed by: <u>ANA ANA</u> Signature	Date: <u>7/28/16</u>
Amanda McCouley Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	GNING IN PRESENCE OF A NOTARY
	Date:
Christopher Mark Andrew Philp	COR.
STATE OF  SS.  COUNTY OF	
COUNTY OF	
This day of,	_ before me personally came the above-named _ onally known as the individual who executed the ne that he/she executed the same of his/her own
Seal	
	(Notary Public)

7

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