

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4796014

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUBHRAJIT ROYCHOWDHURY	01/25/2018
MATTHIAS HOEBEL	12/21/2017
MICHAEL EVANS GRAHAM	01/02/2018
ROBERT JOHN FILKINS	01/03/2018
FELIX MARTIN GERHARD ROERIG	01/06/2018
DONNELL EUGENE CREAR	01/10/2018
PRABHJOT SINGH	01/19/2018
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:	15881054
CORRESPONDENCE DATA	
Fax Number:	(203)944-6712
<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>	
Phone:	(203) 366 7506
Email:	gpo.mail@ge.com, gmenz@armstrongteasdale.com
Correspondent Name:	GENERAL ELECTRIC COMPANY GPO/GLOBAL RESE
Address Line 1:	901 MAIN AVENUE
Address Line 2:	3RD FLOOR
Address Line 4:	NORWALK, CONNECTICUT 06851
ATTORNEY DOCKET NUMBER:	321305
NAME OF SUBMITTER:	CHRISTOPHER H. BUTLER
SIGNATURE:	/Christopher H. Butler/
DATE SIGNED:	01/26/2018

PATENT

Total Attachments: 10

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**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:

**SYSTEMS AND METHODS FOR DYNAMIC SHAPING OF LASER BEAM PROFILES IN
ADDITIVE MANUFACTURING**

- the specification of which is attached hereto OR
 United States application or PCT international application number _____, as
filed on _____, 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,

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Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Subhrajit		Roychowdhury	of	Schenectady	NY	US
Matthias		Hoebel	of	Windisch		CH
Michael	Evans	Graham	of	Slingerlands	NY	US
Robert	John	Filkins	of	Niskayuna	NY	US
Felix	Martin Gerhard	Roerig	of	Baden		CH
Donnell	Eugene	Crear	of	Simpsonville	SC	US
Prabhjot		Singh	of	Rexford	NY	US

hereby sell and assign to:

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

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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.

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INVENTOR 1

Signature: [Signature]
Subhrajit Roychowdhury

Date: 1/25/18

Witnessed by: [Signature]
Signature

Date: 1/25/18

HULLAS SEHGAL
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 1/25/18

DLUGBENGA MOSES ANURP
Printed Name of Witness

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

Subhrajit Roychowdhury Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **Subhrajit Roychowdhury**, 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)

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INVENTOR 2

Signature: Matthias Hoebel
Matthias Hoebel

Date: 21/12/17

Witnessed by: Adnan Babbar
Signature

Date: 21.12.17

Adnan Babbar
Printed Name of Witness

Witnessed by: Holger Leyler
Signature

Date: 21.12.17

Holger Leyler
Printed Name of Witness

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

Matthias Hoebel Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **Matthias Hoebel**, 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)

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INVENTOR 3

Signature: [Handwritten Signature] Date: 1/2/2018
Michael Evans Graham

Witnessed by: [Handwritten Signature] Date: 1/2/2018
Signature

[Handwritten Name]
Printed Name of Witness

Witnessed by: [Handwritten Signature] Date: 1/2/2018
Signature

[Handwritten Name]
Printed Name of Witness

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

Michael Evans Graham Date: _____

STATE OF _____
COUNTY OF _____

ss.

This _____ day of _____, _____ before me personally came the above-named **Michael Evans Graham**, 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)

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INVENTOR 4

Signature: Robert John Filkins
Robert John Filkins

Date: 1/3/18

Witnessed by: David M. Davenport
Signature

Date: 1/3/2018

DAVID M. DAVENPORT
Printed Name of Witness

Witnessed by: Bruce Ann
Signature

Date: 1/3/2018

Bruce Ann
Printed Name of Witness

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

Robert John Filkins

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Robert John Filkins**, 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)

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INVENTOR 5

Signature: *Felix Martin Gerhard Roerig*
Felix Martin Gerhard Roerig

Date: 06 Jan 2018

Witnessed by: *A. Schüller*
Signature

Date: 06 Jan 2018

Mani Müller
Printed Name of Witness

Witnessed by: *C. Schell*
Signature

Date: 06 Jan 2018

Christof Schwenkel
Printed Name of Witness

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

Felix Martin Gerhard Roerig Date: _____

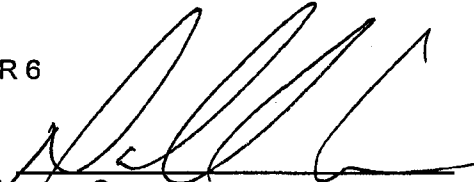
STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **Felix Martin Gerhard Roerig**, 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)

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INVENTOR 6

Signature: 
Donnell Eugene Crear

Date: 1/10/18

Witnessed by: 
Signature

Date: 1-10-18

ARCHIE L SWANNER JR
Printed Name of Witness

Witnessed by: 
Signature

Date: 1/10/18

KASSY HART
Printed Name of Witness

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

Donnell Eugene Crear

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Donnell Eugene Crear**, 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)

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INVENTOR 7

Signature: Prabhjot Singh
Prabhjot Singh

Date: 01/19/2018

Witnessed by: [Signature]
Signature

Date: 01/19/2018

John J Madala Jr
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 01/19/2018

Pinghai Yang
Printed Name of Witness

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

Prabhjot Singh

Date: _____

STATE OF _____

ss.

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named Prabhjot Singh, 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)