503538802 10/26/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3585429

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAN HANCU	10/07/2015
MICHAEL JOSEPH O'BRIEN	10/07/2015
ROBERT JAMES PERRY	10/06/2015
STANLEE TERESA BUDDLE	10/07/2015
MARK DANIEL DOHERTY	10/06/2015

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:	14922211

CORRESPONDENCE DATA

Fax Number: (203)944-6712

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.

Phone: 518-387-4427 **Email:** gpo.mail@ge.com

Correspondent Name: GENERAL ELECTRIC COMPANY GLOBAL RESEARCH

Address Line 1: ONE RESEARCH CIRCLE

Address Line 2: BLDG. K1-3A59

Address Line 4: NISKAYUNA, NEW YORK 12309

ATTORNEY DOCKET NUMBER:	280708-1
NAME OF SUBMITTER:	KIRAN SAHASRABUDHE
SIGNATURE:	/Kiran Sahasrabudhe/
DATE SIGNED:	10/26/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 503538802 REEL: 036875 FRAME: 0574

Total Attachments: 7 source=280708-1_US_Combined_Declaration_and_Assignment#page1.tif source=280708-1_US_Combined_Declaration_and_Assignment#page2.tif source=280708-1_US_Combined_Declaration_and_Assignment#page3.tif source=280708-1_US_Combined_Declaration_and_Assignment#page4.tif source=280708-1_US_Combined_Declaration_and_Assignment#page5.tif source=280708-1_US_Combined_Declaration_and_Assignment#page6.tif source=280708-1_US_Combined_Declaration_and_Assignment#page7.tif

PATENT REEL: 036875 FRAME: 0575

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:

CARBON DIOXIDE AND HYDROCARBON ASSISTED ENHANCED OIL RECOVERY

\boxtimes	the specification of which is attached hereto OR	
	United States application or PCT international application number	
	filed on	, as
	amended on [date] (if applicable).	
	(We hereby authorize and request the Company or its delegated attorneys or	•
	insert above the application number and filing date of the application when known	wn.)

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
Dan		Hancu	of	Clifton Park	NY	US
Michael	Joseph	O'Brien	of	Halfmoon	NY	US
Robert	James	Perry	of	Niskayuna	NY	US
Stanlee	Teresa	Buddle	of	Gloversville	NY	US
Mark	Daniel	Doherty	of	Niskayuna	NY	US

hereby sell and assign to:

v9.18.12 1

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	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.

v9.18.12

PATENT REEL: 036875 FRAME: 0577

INVENTOR 1	
Signature: Dan Hancu	Date: 10/06/15
Witnessed by: Witnessed by: Signature	Date: 10 (07) (5
Printed Name of Witness	
Witnessed by: Signature	Date: _10/07/2015
Toltal A. OSAHENI Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SI	GNING IN PRESENCE OF A NOTARY
Dan Hancu	Date:
STATE OF ss.	•
This day of,,,,,,	before me personally came the above-named ividual who executed the foregoing assignment, the same of his/her own free will for the purposes
Seal	
-	(Notary Public)

GE Docket No. 280708-1:

PATENT

GE Docket No. 280708-1:				
INVENTOR 2				
Signature: Michael Joseph O'Brier	A P	vate:/	10/7/15	
Witnessed by: Signature	<u>Sulli</u>)ate:	10/7/15	
Joseph A. JAVISCO Printed Name of Witness	***************************************			
Witnessed by: Signature	<u> </u>)ate:	10/7/15	
Ryaν C. μ. Ίζ Printed Name of Witness				
SECTION BELOW IS FOR USE	ONLY IF SIGNING II	V PRESI	NCE OF A NOTARY	
Michael Joseph O'Brien	Date:			
STATE OF	SS.			
COUNTY OF	99.			
This day of	, befor ersonally known as t me that he/she exec	e me pe he indivi cuted the	rsonally came the above-name dual who executed the foregoi same of his/her own free will f	30 10
Seal				
			(Notary Public)	

GE Docket No. 280708-1:	
INVENTOR 3	
Signature: Robert James Perry	Date: Och 6, 2015
Witnessed by: Signature	Date: <u>OCT. 6, 2015</u>
GUILERMO ZAPPI Printed Name of Witness	
Witnessed by: David Hull Signature	Date: Oct. 6, 2015
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
Robert James Perry	Pate:
STATE OF ss.	
This day of, Robert James Perry, to me personally known assignment, who acknowledged to me that he/sh the purposes therein set forth.	_ before me personally came the above-named as the individual who executed the foregoing be executed the same of his/her own free will form.
Seal	
	(Notary Public)

PATENT REEL: 036875 FRAME: 0580

INVENTOR 4	
Signature: Stanfee Teresa Buddle	
Witnessed by: Signature	Date: October 7th 2015
Printed Name of Witness	
Witnessed by: ASMAC. Signature	Date: October 7, 2015
Toho M-B461.2 Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF S	IGNING IN PRESENCE OF A NOTARY
\.	Date:
Stanlee Teresa Buddle	
STATE OF ss.	
COUNTY OF	
Stanlee Teresa Buddle, to me personally kr	before me personally came the above-named nown as the individual who executed the foregoing s/she executed the same of his/her own free will for
Seal	
	(Notary Public)

GE Docket No. 280708-1:

GE Docket No. 280708-1:	
INVENTOR 5	• •
Signature: Much Alunial Alutop Mark Daniel Doherty	Date: 10/06/2015
Witnessed by: Witnessed by: Signature	Date: <u>(0(06/2×5</u>
Printed Name of Witness	
Witnessed by: Beyjaming R. Wood	Date: 10/06/2015
BenjaminRwood Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNIN	IC IN DESENCE OF A NOTARY
	O IN FILL OF A 180 I AND
Date	
Mark Daniel Doherty	j:
STATE OF ss.	
COUNTY OF	
This day of, b Mark Daniel Doherty, to me personally known as assignment, who acknowledged to me that he/she the purposes therein set forth.	efore me personally came the above-named s the individual who executed the foregoing executed the same of his/her own free will for
Seal	
	(Notary Public)