PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEREK BASS	09/25/2019
CHRISTER N. DAHLGREN	09/25/2019

RECEIVING PARTY DATA

Name:	GE-HITACHI NUCLEAR ENERGY AMERICAS LLC	
Street Address:	3901 CASTLE HAYNE ROAD	
City:	WILMINGTON	
State/Country:	NORTH CAROLINA	
Postal Code:	28401	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16582638

CORRESPONDENCE DATA

Fax Number: (571)732-1878

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: 571 335-7300

Email: office@alleylegal.com

Correspondent Name: RYAN ALLEY IP (GE DOCKET)

Address Line 1: P.O. BOX 87

Address Line 4: ALEXANDRIA, VIRGINIA 22313

ATTORNEY DOCKET NUMBER:	5.0071.1
NAME OF SUBMITTER:	RYAN E. ALLEY
SIGNATURE:	/Ryan Alley/
DATE SIGNED:	09/25/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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> PATENT REEL: 050489 FRAME: 0482

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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:

COOLANT CLEANUP AND HEAT-SINKING SYSTEMS AND METHODS OF OPERATING THE SAME

	the specification of which is attached hereto OR
\boxtimes	United States application or PCT international application number
	<u>16/582,638</u> filed on <u>Sept. 25, 2019</u> , 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 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, we.

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Derek		Bass	of	Wilmington	NC	US
Christer	N.	Dahlgren	of	Wilmington	NC	US

hereby sell and assign to:

Name of Company: GE-Hitachi Nuclear Energy Americas LLC	
Entity Type (optional):	
Address: 3901 Castle Hayne Road, Wilmington, NC 28401	

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herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made and 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
US	Nonprovisional	16582638	25-SEP-2019	COOLANT
				CLEANUP AND
				HEAT-SINKING
				SYSTEMS AND
				METHODS OF
				OPERATING THE
				SAME

(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, reexaminations 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, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths 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: Date: 125/2019 Derek Bass
STATE OF NORTH CAROLINA ss. COUNTY OF NEW HANOVER
This
Signature: Date: 9(25/2019) Christer N. Dahlgren
STATE OFNORTH CAROLINA ss. COUNTY OF NEW HANOVER
This Are day of September, 2019 before me personally came the above-named Christer N. Dahlgren to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth. Seal Notary Public PUBLIC

RECORDED: 09/25/2019

PATENT REEL: 050489 FRAME: 0485