11/25/2015 503585075 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3631704

| SUBMISSION TYPE: | | NEW ASSIGNMENT | | | |
|---|---|--|--|----------------|--|
| NATURE OF CONVEYANCE: | | ASSIGNMENT | ASSIGNMENT | | |
| CONVEYING PARTY | DATA | | | | |
| | | Name | | Execution Date | |
| VIJAYSAI PRASAD | | | | 09/21/2015 | |
| JAYAPRAKASH SAN | DHALA RA | HAKRISHNAN | | 09/21/2015 | |
| JEFFREY ALLEN ZUI | RLO | | | 09/21/2015 | |
| RICHARD STEPHEN | HUTTE | | | 09/18/2015 | |
| ARJUN BHATTACHA | RYYA | | | 09/21/2015 | |
| MANISH JOSHI | | | | 09/21/2015 | |
| RECEIVING PARTY I | ΔΤΔ | | | | |
| Name: | | GENERAL ELECTRIC COMPANY | | | |
| Street Address: | | 1 RIVER ROAD | | | |
| City: | | SCHENECTADY | | | |
| State/Country: | | NEW YORK | | | |
| Postal Code: | | | | | |
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| PROPERTY NUMBER Property Typ Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, Phone: Email: | RS Total: 1 be : E DATA I be sent to if provided | 4835161 404)645-7707 The e-mail address first; if if that is unsuccessful, it 04-645-7700 | will be sent via U | | |
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| PROPERTY NUMBER Property Typ Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will</i> | RS Total: 1 be E DATA I be sent to if provided e: NUMBER: | 4835161 (04)645-7707 (<i>he e-mail address first; if</i> <i>if that is unsuccessful, it</i> 04-645-7700 davis@mcciplaw.com IEUNIER CARLIN & CURFI 99 PEACHTREE STREET, UITE 1300 TLANTA, GEORGIA 30309 10553-018US3 | <i>will be sent via U</i> s MAN LLC NE | | |
| PROPERTY NUMBER Property Typ Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 2: Address Line 4: | RS Total: 1 be E DATA I be sent to if provided e: NUMBER: | 4835161 (04)645-7707 (<i>he e-mail address first; if</i> <i>if that is unsuccessful, it</i> 04-645-7700 davis@mcciplaw.com IEUNIER CARLIN & CURFI 99 PEACHTREE STREET, UITE 1300 TLANTA, GEORGIA 30309 10553-018US3 CHÉ M. DAVIS | <i>will be sent via U</i> s MAN LLC NE | | |

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ASSIGNMENT, OATH, AND DECLARATION

For valuable consideration, we. Vijaysai Prasad of Bangalore. India: Jayaprakash Sandhala Radhakrishnan of Bangalore, India; Jeffrey Allen Zurlo of The Woodlands, Texas; Richard Stephen Hutte of Boulder, Colorado; Arjun Bhattacharyya of Bangalore, India; and Manish Joshi of Bangalore, India, hereby declare that the below-identified patent application was made or authorized to be made by us and that we believe that we are original joint inventors of a claimed invention in the patent application and hereby assign to General Electric Company, a corporation of New York, having a place of business at 1 River Road, Schenectady, New York 12345, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent, "ADVISORY CONTROLS OF DESALTER SYSTEM," filed August 25, 2015, and assigned U.S. Patent Application No. 14/835,161, this assignment including said application, any and all divisional, continuing, substitute, renewal, reissue, and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations, and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 8

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

Assignment Page 2 of 8

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PATENT REEL: 037137 FRAME: 0449

21/09/2015 Date:

Vijaysai Pras**š**d

WITNESSED BY:

K.G. Wa Kumer Signature of Witness

SVA KUMAR KOTA Name of Witness

21/09/2015

Date

CLittan Konnian Signature of Witness

Chitta Rankin Behera Name of Witness

21.09.15

Date

Assignment Page 3 of 8

21-sept-2015 Date:

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Jayaprakash Sandhala Radhakrishnan

WITNESSED BY:

K. Gurung Signature of Witness

Chippe Remin Signature of Witness

SIVA KUMAR KOTA Name of Witness

21/09/2015

Date

Chille Ronjan Behera Name of Witness

21.09.15

Date

21-SEPT-2015 Date:

WITNESSED B

Signature of Witness

Normal G. Wise Name of Witness

9-21-2015

Date

Jeffrey Allen Zurlo

Signature of Witness

Name of Witness

Date

Assignment Page 5 of 8

PATENT **REEL: 037137 FRAME: 0452**

9/18/15

Richard Stephen Hutte

WITNESSED BY:

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Name of Witness

Date

Signature of Witness

C. Gonzales $n \Pi \cdot \rho$

Name of Witness

Daté

Assignment Page 6 of 8

PATENT REEL: 037137 FRAME: 0453

Date:

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Anilanapp

Arjun Bhàttacharyya

WITNESSED BY:

V - Siva Kenner⁹¹ Signature of Witness

SIVA KUAAR KOFA Name of Witness

21/09/2015

Date

Chike Ranjon Signature of Witness

Chitta Ronjan Beheva Name of Witness

ð۱. ٥٩٠١۶ Date

Assignment Page 7 of 8

21-Sept-2015 Date:

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Manish Joshi

WITNESSED BY:

K. <u>Giuquuna</u>ri Signature of Witness

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SIVA KUMAR KOTA

21/09/2015

Date

Chitta Ranjan Behena Name of Witness

21.09-15 Date

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Assignment Page 8 of 8

PATENT REEL: 037137 FRAME: 0455

RECORDED: 11/25/2015