504372543 05/17/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4419237

SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			
CONVEYING PARTY DATA				
	Name	Execution Date		

l	name	Execution Date
	Mohamed Halick Mohamed SATHIK	04/25/2017
	Chandana Jayamapathi GAJANAYAKE	04/25/2017
	Shantha Dharmasiri Gamini JAYASINGHE	04/25/2017
	Amit Kumar GUPTA	04/25/2017
	Rejeki SIMANJORANG	04/25/2017

RECEIVING PARTY DATA

Name:	Name: Rolls-royce Plc	
Street Address: 62 Buckingham Gate		
City: London		
State/Country:	Great Britain	
Postal Code:	SW1E 6AT	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15596878		

CORRESPONDENCE DATA Fax Number: (703)836-2787

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:	703-836-6400
Email:	email@oliff.com
Correspondent Name:	JAMES A. OLIFF
Address Line 1:	OLIFF PLC
Address Line 2:	P.O. BOX 320850
Address Line 4:	ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	176631
NAME OF SUBMITTER:	IFETAYO SIMMONS
SIGNATURE:	/ifetayo simmons/
DATE SIGNED:	05/17/2017
Total Attachments: 6	•

Total Attachments: 6

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ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

SATHIK, Mohamed Halick Mohamed

GAJANAYAKE, Chandana Jayamapathi Insert Legal Name(s) of JAYASINGHE, Shantha Dharmasiri Gamini GUPTA, Amit Kumar

SIMANJORANG, Rejeki

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

ROLLS-ROYCE plc (9) **Insert Name of Assignee**

(1-8)

Inventor(s)

62 Buckingham Gate, London, SW1E 6AT, Great Britain Insert Address of Assignee (10)

(hereinafter designated as the Assignce) and Assignce's heirs, successors, assigns and legal representatives, the online right, title and interest for the United States of America as defined m.35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11)	Insert Identification	(11) Method for Estimating Power System Health
	such as Title, Case Number, or Foreign	- 6145 JNR
	Application Number	(Attorney Docket No.
(12)	Alternative	(12) U.S. Application Number
	Identification for	
	filmi applications	filed

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or patents for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignce.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office and other issuing authorities to issue any and all patents resulting from said application(s) to the said Assignce, as Assignce of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of Oliff plc the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENT REEL: 042489 FRAME: 0784

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I 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.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Inventor

(Print name) SATHIK, Mohamed Halick Mohamed

Inventor Signature Molect set-Date 25-APRIL-2017 (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Kuthenburdeen Hoya Nogutudoin XHA-M-<u>25-APRIL-2017</u> Witness CHETHAN PARTHASARATHY Date 25-APRIL-2017 Witness

PATENT REEL: 042489 FRAME: 0785

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

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In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Inventor

GAJANAYAKE, Chandana Jayamapathi (Print name) APRUL/2017 (SEAL) Inventor Signature Date

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Witness

25-APR12-2017 Witness Date Date 25-APRIL-2017

kuthubudeen Haja Kitto non-PARTHASARATHY CHETHAN

PATENT REEL: 042489 FRAME: 0786

As an above named inventor, I hereby declare that:

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In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Inventor

25 - ADREL - 2017 Inventor Signature JAYASINGHE, Shantha Dharmasiri Gamini (Print name) Date

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Killhubudeen Hoya Najabuda. K.H.T. M. CHETHAN PARTHASARATHY Date 25-APRIL-2017 Witness Date 25-APRIL-2017 Allan Witness

PATENT REEL: 042489 FRAME: 0787

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In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Inventor

(Print	name)	GUPTA, Amit Kum	ar	
Date		PRU - 2017	Inventor Signature	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	Witness
en de la compañía de	
Date 25-APRIL-2017	Witness

kuthribudeen Hoja Najubuds	S. S. Marthan
K.Harryd	
	•
CHETHAN PARTHASARATHY	

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The application was made or authorized to be made by me.

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In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Inventor

RECORDED: 05/17/2017

(Print r	name)	SIMAN	IJORANG	, Rejeki	Beyer	
Date	<u>25-n</u>		Q	Inventor Signature		(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Kuthubudeen Haja Najubudeen Killer- Mil CHETHAN PARTHASARATHY 25-APRIL -2017 Witness Date 25- APRIL-2017 Date Witness

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