

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4444362

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CARMINE ALLEGORICO	07/07/2015
CLAUDIO ANTONINI	07/07/2015
MARCO SANTINI	07/09/2015
GIORGIO MARCHETTI	07/24/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NUOVO PIGNONE SRL
<b>Street Address:</b>	VIA FELICE MATTEUCCI 2
<b>City:</b>	FLORENCE
<b>State/Country:</b>	ITALY
<b>Postal Code:</b>	50127
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15533208
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)840-6495
<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>	
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<b>Email:</b>	amy.harvey@ge.com
<b>Correspondent Name:</b>	GENERAL ELECTRIC COMPANY GE GLOBAL PATEN
<b>Address Line 1:</b>	901 MAIN AVENUE
<b>Address Line 2:</b>	3RD FLOOR
<b>Address Line 4:</b>	NORWALK, CONNECTICUT 06851
<b>ATTORNEY DOCKET NUMBER:</b>	278744-7
<b>NAME OF SUBMITTER:</b>	AMY A. HARVEY
<b>SIGNATURE:</b>	/Amy A. Harvey/
<b>DATE SIGNED:</b>	06/05/2017
<b>Total Attachments: 7</b>	
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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:

**METHOD AND SYSTEM FOR PREDICTING RESIDUAL USEFUL LIFE OF AN AIR FILTER**

- ☒ 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 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,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Carmine		ALLEGORICO	of	Florence		IT
Claudio		ANTONINI	of	Florence		IT
Marco		SANTINI	of	Florence		IT
Giorgio		MARCHETTI	of	Florence		IT

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hereby sell and assign to:

Name of Company: <i>Nuovo Pignone Srl</i>
Entity Type (optional):
Address: <i>Via Felice Matteucci 2</i> <i>50127 Florence</i> <i>Italy</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
IT	PRI-Priority Application	FI2014A000266	December 5, 2014	METHOD AND SYSTEM FOR PREDICTING RESIDUAL USEFUL LIFE OF AN AIR FILTER
WO	PCT	PCT/EP2015/07775 8	November 26, 2015	METHOD AND SYSTEM FOR PREDICTING RESIDUAL USEFUL LIFE OF AN AIR FILTER

(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.

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INVENTOR 1

Signature: Carmine Allegorico  
Carmine ALLEGORICO

Date: 07/07/2015

Witnessed by: Maria Sepe  
Signature

Date: 07/07/2015

MARZIA SEPE  
Printed Name of Witness

Witnessed by: Stefano Giocolini  
Signature

Date: 07/07/2015

STEFANO GIACCOLINI  
Printed Name of Witness

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

\_\_\_\_\_  
Carmine ALLEGORICO

Date: \_\_\_\_\_

STATE OF

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Carmine ALLEGORICO, 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)

GE Docket No. 278744

INVENTOR 2

Signature: Claudio Antonini  
Claudio ANTONINI

Date: 1/7/2015

Witnessed by: Daniela Tomassi  
Signature

Date: 01/07/2015

DANIELE TOMASSI  
Printed Name of Witness

Witnessed by: Massimiliano Borghesi  
Signature

Date: 01/07/2015

MASSIMILIANO BORGHESI  
Printed Name of Witness

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

\_\_\_\_\_  
Claudio ANTONINI

Date: \_\_\_\_\_

STATE OF

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Claudio ANTONINI, 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)

GE Docket No. 278744

INVENTOR 3

Signature: Santini Marco  
Marco SANTINI

Date: 8 / JULY / 15

Witnessed by: Giacomo Fantacci  
Signature

Date: 9 / JULY / 2015

GIACOMO FANTACCI  
Printed Name of Witness

Witnessed by: Mauro Ceccatelli  
Signature

Date: 09 / JULY / 2015

MAURO CECCATELLI  
Printed Name of Witness

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

\_\_\_\_\_  
Marco SANTINI

Date: \_\_\_\_\_

STATE OF

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Marco SANTINI, 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)

GE Docket No. 278744

INVENTOR 4

Signature: Giorgio Marchetti  
Giorgio MARCHETTI

Date: 21-JUL-2015

Witnessed by: Roberto Pucci  
Signature

Date: 21-JUL-2015

ROBERTO PUCCI  
Printed Name of Witness

Witnessed by: Giacomo Calza  
Signature

Date: 21-JUL-2015

GIACOMO CALZA  
Printed Name of Witness

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

\_\_\_\_\_  
Giorgio MARCHETTI

Date: \_\_\_\_\_

STATE OF

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Giorgio MARCHETTI, 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)