502569690 11/14/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2615537

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MR. GIANLUCA CANU	11/11/2013
MR. BERNHARD GLASER	11/11/2013
MR. VOLKER KONETSCHNY	11/11/2013
MR. MARTIN WEGENER	11/11/2013

RECEIVING PARTY DATA

Name:	PRUFTECHNIK DIETER BUSCH AG
Street Address:	OSKAR-MESSTER-STRABE 19-21
City:	ISMANING
State/Country:	GERMANY
Postal Code:	85737

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14080230

CORRESPONDENCE DATA

Fax Number: (401)273-4447 Phone: 4012734446 Email: drj@barjos.com

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Correspondent Name: BARLOW, JOSEPHS & HOLMES, LTD.

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ATTORNEY DOCKET NUMBER:	P091 P02750-US (620-US)
NAME OF SUBMITTER:	DAVID R. JOSEPHS

PATENT

REEL: 031604 FRAME: 0343

502569690

Signature:	/david r. josephs/
Date:	11/14/2013

Total Attachments: 4

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For good and valuable consideration, the receipt of which is hereby acknowledged, I,

Gianluca Cano, a citizen of Italy, residing at Bergerbreite 2, 81929, München, Germany

(hereinafter, "Assignor"), who, having created, and believing myself to be an original inventor of, a certain invention entitled:

DEVICE AND METHOD FOR DETERMINING THE POSITION OF TWO COUPLED SHAFTS WITH RESPECT TO EACH OTHER

and for which an application for U.S. Letters Patent is being filed contemporaneously herewith; do hereby sell, assign and transfer to:

Priiftechnik Dieter Busch AG, a Company of Germany, having its principal place of business at Oskar-Messter-Straße 19-21, 85737, Ismaning, Germany

(hereinafter, "Assignee"), its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

I authorize Assignee to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, but without charge to Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Stantuca Canu

Dated: Lovember 11 2013

Page 1 of 1

Docket No.: P091 P02750-US/Pruf Ref.: 620-US

For good and valuable consideration, the receipt of which is hereby acknowledged, I,

Bernhard Glaser, a citizen of Germany, residing at Metzgerfeldweg 15, 85737, Ismaning, Germany

(hereinafter, "Assignor"), who, having created, and believing myself to be an original inventor of, a certain invention entitled:

DEVICE AND METHOD FOR DETERMINING THE POSITION OF TWO COUPLED SHAFTS WITH RESPECT TO EACH OTHER

and for which an application for U.S. Letters Patent is being filed contemporaneously herewith; do hereby sell, assign and transfer to:

Prüftechnik Dieter Busch AG, a Company of Germany, having its principal place of business at Oskar-Messter-Straße 19-21, 85737, Ismaning, Germany

(hereinafter, "Assignee"), its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

I authorize Assignee to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, but without charge to Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

X Revaled Gloser
Bernhard Glaser

Dated: <u>1200068 4, 2013</u>

Page 1 of 1 Docket No.: P091 P09750-US/Pruf Ref.: 620-US

For good and valuable consideration, the receipt of which is hereby acknowledged, I,

Volker Konetschny, a citizen of Germany, residing at Planegger Str. 87c, 81241, München, Germany

(hereinafter, "Assignor"), who, having created, and believing myself to be an original inventor of, a certain invention entitled:

DEVICE AND METHOD FOR DETERMINING THE POSITION OF TWO COUPLED SHAFTS WITH RESPECT TO EACH OTHER

and for which an application for U.S. Letters Patent is being filed contemporaneously herewith; do hereby sell, assign and transfer to:

Prüftechnik Dieter Busch AG, a Company of Germany, having its principal place of business at Oskar-Messter-Straße 19-21, 85737, Ismaning, Germany

(hereinafter, "Assignee"), its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

I authorize Assignee to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, but without charge to Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Volker Konetschny

Dated: Machber M. 2013

Page 1 of 1

Docket No.: P091 P02750-US/Pruf Ref.: 620-US

For good and valuable consideration, the receipt of which is hereby acknowledged, I.

Martin Wegener, a citizen of Germany, residing at Theodor-Storm-Str. 9, 85551, Kirchheim, Germany

(hereinafter, "Assignor"), who, having created, and believing myself to be an original inventor of, a certain invention entitled:

DEVICE AND METHOD FOR DETERMINING THE POSITION OF TWO COUPLED SHAFTS WITH RESPECT TO EACH OTHER

and for which an application for U.S. Letters Patent is being filed contemporaneously herewith; do hereby sell, assign and transfer to:

Prüftechnik Dieter Busch AG, a Company of Germany, having its principal place of business at Oskar-Messter-Straße 19-21, 85787, Ismaning, Germany

(hereinafter, "Assignee"), its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

I authorize Assignee to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, but without charge to Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Martin Wegener

RECORDED: 11/14/2013

Dated: Lownber 11, 2012

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