

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3715906

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PING WANG	08/26/2015
SURYADEEP RAY	08/26/2015
ZHIGANG ZHANG	08/26/2015
RECEIVING PARTY DATA	
Name:	CGG SERVICES SA
Street Address:	27, AVENUE CARNOT
City:	MASSY CEDEX
State/Country:	FRANCE
Postal Code:	91341
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14908301
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ATTORNEY DOCKET NUMBER:	0336-453-2/100759
NAME OF SUBMITTER:	TINA JENKINS
SIGNATURE:	/Tina Jenkins/
DATE SIGNED:	01/28/2016
Total Attachments: 4	
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ASSIGNMENT

In accordance with my obligations 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 CGG Services SA, a French Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Ping WANG of Sugar Land, TX, USA

Suryadeep RAY of Houston, TX, USA

Zhigang ZHANG of Houston, TX, USA

hereby sell and assign to **CGG Services SA**, having an address at 27, Avenue Carnot, 91341 Massy Cedex, France, hereinafter referred to as "Company", its successors and assigns my/our entire respective rights, titles and interests in and to the invention and improvements invented and originated by me and described in the US Patent Application No. 14/908,301 for United States Patent currently entitled:

NOISE ATTENUATION USING A DIPOLE SPARSE TAU-P INVERSION

filed on **January 28, 2016**,

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 said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, its successors, or assigns. Further, I/we agree to execute all divisional, continuation, reexamination and reissue applications, and to make all rightful oaths related to obtaining proper patent protection for said invention and its improvements in all countries.

The undersigned hereby grant(s) the law firm of Patent Portfolio Builders the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Docket No. "Assignment Signature Page"

TITLE:

INVENTOR 1

Signature: [Signature] Date: 08/26/2015
Ping WANG

Witnessed by: [Signature] Date: 08/26/2015
Signature
Zhao Zhang
Printed Name of Witness

Witnessed by: [Signature] Date: 08/26/2015
Signature
Shuming Hu
Printed Name of Witness

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

Ping WANG Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Ping WANG, 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)

Docket No. "Assignment Signature Page"

TITLE:

INVENTOR 2

Signature: Suryadeep Ray
Suryadeep RAY

Date: 08/26/15

Witnessed by: [Signature]
Signature

Date: 08/26/2015

Zhao Zhang
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 08/26/2015

Shuming Hu
Printed Name of Witness

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

Suryadeep RAY

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Suryadeep RAY**, 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)

Docket No. "Assignment Signature Page"

TITLE:

INVENTOR 3

Signature: [Handwritten Signature]
Zhigang ZHANG

Date: 08/26/2015

Witnessed by: [Handwritten Signature]
Signature

Date: 08/26/2015

Zhao Zhang
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: 08/26/2015

Shuming Hy
Printed Name of Witness

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

Zhigang ZHANG

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Zhigang ZHANG**, 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)