

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3238545

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NING DING	02/06/2015
YUSUKE KIDA	02/06/2015
RECEIVING PARTY DATA	
Name:	KABUSHIKI KAISHA TOSHIBA
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State/Country:	JAPAN
Postal Code:	105-8001
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14629784
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	MJS-4813-264
NAME OF SUBMITTER:	MICHAEL J. SHEA
SIGNATURE:	/Michael J. Shea/
DATE SIGNED:	02/24/2015
Total Attachments: 2	
source=4813-264_DECLARATION_ASSIGNMENT#page1.tif	
source=4813-264_DECLARATION_ASSIGNMENT#page2.tif	

Attorney Docket Number	- -
First Named Inventor	Ning DING

**INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT
APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

☒ Declaration Submitted With Initial Filing

OR

☐ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)

**SOUND SOURCE DIRECTION ESTIMATION APPARATUS, SOUND SOURCE
DIRECTION ESTIMATION METHOD AND COMPUTER PROGRAM PRODUCT**

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

☒ The attached application.

OR

☐ United States Application Number or PCT International application number _____
filed on _____

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.

WHEREAS, **Kabushiki Kaisha Toshiba** (hereinafter ASSIGNEE), a corporation of the State of **Japan**, having an office and place of business at **1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan**, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

LEGAL NAME OF SOLE OR FIRST INVENTOR:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Ning

DING

Inventor's Signature:

Ning DING

Date:

Feb. 6, 2015

x Additional inventors are being named on the 2 supplemental sheet(s) PTO/AIA/10 attached hereto

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Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in [37 CFR] § 1.56.

**SUPPLEMENTAL SHEET FOR DECLARATION
AND ASSIGNMENT****ADDITIONAL INVENTOR(S)**

Supplemental Sheet (for PTO/AIA/08/09)

(Page 2 of 2)

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Yusuke

KIDA

Inventor's
Signature:*Yusuke Kida*

Date:

*Feb. 6, 2015***Legal Name of Additional Joint Inventor, if any:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Inventor's
Signature:

Date:

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Inventor's
Signature:

Date:

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Inventor's
Signature:

Date:

Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in [37 CFR] § 1.56.