PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHITERU MITOMO	09/04/2018
RYOTA TAKAYA	09/04/2018
YOSHIKAZU MAKINO	10/09/2018

RECEIVING PARTY DATA

Name:	SUBARU CORPORATION	
Street Address:	1-20-8, EBISU, SHIBUYA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Name:	JAPAN AEROSPACE EXPLORATION AGENCY	
Street Address:	7-44-1, JINDAIJI HIGASHI-MACHI, CHOUFU-SHI	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	1828522	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16172706

CORRESPONDENCE DATA

Fax Number:

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.

Email: IPServicesNYC@troutman.com, aziza.khikmatova@troutman.com

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ATTORNEY DOCKET NUMBER:	243410.000082
NAME OF SUBMITTER:	AZIZA KHIKMATOVA
SIGNATURE:	/Aziza Khikmatova/
DATE SIGNED:	10/26/2018

Total Attachments: 3

PATENT REEL: 047333 FRAME: 0025 source=082-Assignment#page1.tif
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PATENT REEL: 047333 FRAME: 0026

<u>ASSIGNMENT</u>

WHEREAS, I/We,

Toshiteru MITOMO, Ryota TAKAYA and Yoshikazu MAKINO

(collectively referred to as "ASSIGNOR"), have invented certain improvements in:

WALL SURFACE PRESSURE MEASUREMENT STRUCTURE AND WIND-TUNNEL TEST APPARATUS

	for which a U.S. Non-Provisional Patent Application was filed(datant provided Serial No	e)
	OR	
\boxtimes	which is filed concurrently herewith;	
"Арр	and for which future applications may be filed, (collectively referred to as the cation"),	he
	whereas the above-identified Application was made or authorized to be made by mean we believe that I/we am/are the original inventor(s) or original joint inventor(s) of d invention in the Application, and	
	whereas	
	SUBARU CORPORATION	
	1-20-8, Ebisu, Shibuya-ku	
	Tokyo, Japan	
	and	
	Japan Aerospace Exploration Agency	
	7-44-1, Jindaiji Higashi-machi, Choufu-shi	

(collectively referred to as "ASSIGNEE") desire to purchase all of ASSIGNOR's rights in same;

1828522 Tokyo, Japan

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said ASSIGNEE, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has and by these presents does hereby sell, assign, transfer and convey unto said ASSIGNEE all of ASSIGNOR's rights, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon, (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefore; and ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to ASSIGNEE, for its interest and for the sole use and benefit of ASSIGNEE and its assigns and legal representatives.

TROUTMAN SANDERS

PATENT REEL: 047333 FRAME: 0027 For the same consideration, ASSIGNOR, by these presents does sell, assign, and transfer to ASSIGNEE all of ASSIGNOR's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of ASSIGNEE or its designee, insofar as permitted by applicable law.

For the same consideration, ASSIGNOR agrees, without charge to ASSIGNEE, but at ASSIGNEE'S expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid ASSIGNEE its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

AND, for the same consideration, ASSIGNOR also hereby sells, assigns and transfers unto ASSIGNEE all of ASSIGNOR's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

SIGNED this _4+/_ day of	5e9t
Toshiteru MITOMO	Toshireru Miromo
Name	Signature
Ryota TAKAYA	Puoto Tolano
Name	Signature /
Yoshikazu MAKINO	
Name	Signature

For the same consideration, ASSIGNOR, by these presents does sell, assign, and transfer to ASSIGNEE all of ASSIGNOR's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of ASSIGNEE or its designee, insofar as permitted by applicable law.

For the same consideration, ASSIGNOR agrees, without charge to ASSIGNEE, but at ASSIGNEE'S expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid ASSIGNEE its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

AND, for the same consideration, ASSIGNOR also hereby sells, assigns and transfers unto ASSIGNEE all of ASSIGNOR's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

SIGNED this day of	Oct. 9 , 20 18 :
Toshiteru MITOMO Name	Signature
Ryota TAKAYA Name	Signature
Yoshikazu MAKINO	HI PO A P

RECORDED: 10/26/2018