

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5166118

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WASIF TANVEER KHAN	08/07/2018
ALI ERAY TOPAK	08/01/2018
ARNDT THOMAS OTT	08/01/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SONY CORPORATION
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<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	108-0075
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16090219
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	5713766333
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<b>Correspondent Name:</b>	XSENSUS LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	11196US01
<b>NAME OF SUBMITTER:</b>	FAITH BAGGETT
<b>SIGNATURE:</b>	/Faith Baggett/
<b>DATE SIGNED:</b>	10/01/2018
<b>Total Attachments: 4</b>	
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**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

ASSIGNOR(S): (Insert Inventor(s) name, city/state, country of residence)

KHAN, Wasif Tarveer; Lahore (PK)

TOPAK, Ali Eray; Den Haag (NL)

OTT, Arndt Thomas; Stuttgart (DE)

ASSIGNEE: (Insert Company or Assignee Name and Address)

Sony Corporation 1-7-1 Konan

Minato-ku, Tokyo 108-0075

Japan

**AGREEMENT**

Whereas, ASSIGNOR(S) listed above, are inventor(s) of an invention entitled:

(title of invention) MICROWAVE ANTENNA APPARATUS, PACKING AND MANUFACTURING METHOD

Application No. 16/090,219, filed 29 Sep 2018

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Xsensus, LLP, associated with Customer No. 154930, the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


WHEREAS, Sony Corporation (ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and any improvements thereto, said Application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made, ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making a

and prosecution of applications for United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said letters patent before or after issuance,

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Invention or said application, and testify in any legal proceeding, assist in the preparation of any other patent document relating to the application and the Invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection, with the application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in the United States, its territories, and all foreign countries. These provisions are binding upon our heirs, legal representatives, administrators, and assigns.

  
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(Signature of Inventor)

Date: Aug 7, 2018

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(Signature of Inventor)

Date: .....

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(Signature of Inventor)

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(Signature of Inventor)

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(Signature of Inventor)

Date: .....

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AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the invention or said application, and testify in any legal proceeding, assist in the preparation of any other patent document relating to the application and the invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection with the application and the invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the invention in the United States, its territories, and all foreign countries. These provisions are binding upon our heirs, legal representatives, administrators, and assigns.

TO PAK

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(Signature of Inventor)

Date: .....

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(Signature of Inventor)

Date: 01-08-2018

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(Signature of Inventor)

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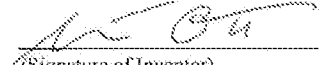
AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Invention or said application, and testify in any legal proceeding, assist in the preparation of any other patent document relating to the application and the Invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection, with the application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in the United States, its territories, and all foreign countries. These provisions are binding upon our heirs, legal representatives, administrators, and assigns.

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(Signature of Inventor)

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

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(Signature of Inventor)

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(Signature of Inventor)

Date: August 1<sup>st</sup> 2018

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(Signature of Inventor)

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

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(Signature of Inventor)

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

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(Signature of Inventor)

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