

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKESHI OKUNAGA	06/02/2016
AKIRA NAKATSU	06/02/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NIPPON PILLAR PACKING CO., LTD.
<b>Street Address:</b>	11-48, NONAKAMINAMI 2-CHOME, YODOGAWA-KU
<b>Internal Address:</b>	OSAKA-SHI
<b>City:</b>	OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	5320022
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15110945
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	3151-014
<b>NAME OF SUBMITTER:</b>	LUKE A. KILYK
<b>SIGNATURE:</b>	/luke a kilyk/
<b>DATE SIGNED:</b>	07/12/2016
<b>Total Attachments: 2</b>	
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Docket No. 3151-014

SOLE/JOINT INVENTION

**ASSIGNMENT**

(Worldwide Rights)

WHEREAS We, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

**Planar Antenna**

for which We filed an application for United States Letters patent on \_\_\_\_\_, as U.S. Patent Application No. \_\_\_\_\_ and

WHEREAS, NIPPON PILLAR PACKING CO., LTD. (Full Name of Assignee), a corporation of Japan, (State or Country of Incorporation) whose post office address is 11-48, Nonakaminami 2-chome, Yodogawa-ku, Osaka-shi, Osaka 5320022 Japan (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, any applications claiming priority or benefit to this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of \_\_\_\_\_ )  
State of \_\_\_\_\_ )

ss.

Subscribed and sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Notary Public

SEAL

FULL NAME OF INVENTOR: Takeshi OKUNAGA	
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Signature:	Takeshi Okunaga
Date:	June 2, 2016
FULL NAME OF INVENTOR: Akira NAKATSU	
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Signature:	Akira Nakatsu
Date:	June 2, 2016