

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5314864

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YOSHIAKI ANDO	05/30/2018
SATOSHI NIWA	05/29/2018
HIROYUKI NAKAMURA	07/10/2018
RECEIVING PARTY DATA	
Name:	SKYWORKS FILTER SOLUTIONS JAPAN CO., LTD.
Street Address:	1006, OAZA KADOMA
City:	KADOMA-SHI, OSAKA-FU
State/Country:	JAPAN
Postal Code:	571-0050
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15651216
CORRESPONDENCE DATA	
Fax Number:	(949)231-3206
<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>	
Phone:	9492313073
Email:	ip.docketing@skyworksinc.com
Correspondent Name:	DONALD BOLLELLA
Address Line 1:	5221 CALIFORNIA AVENUE, 21-1
Address Line 4:	IRVINE, CALIFORNIA 92617
ATTORNEY DOCKET NUMBER:	PNSK 17100601(JP)JPWOUS
NAME OF SUBMITTER:	DONALD BOLLELLA
SIGNATURE:	/Donald Bollella/
DATE SIGNED:	01/08/2019
Total Attachments: 3	
source=15-651216_Assignment - PNSK 17100601(JP)JPWOUS#page1.tif	
source=15-651216_Assignment - PNSK 17100601(JP)JPWOUS#page2.tif	
source=15-651216_Assignment - PNSK 17100601(JP)JPWOUS#page3.tif	

ASSIGNMENT

WHEREAS, we, Yoshiaki Ando (安藤義明) residing at Take, 2-5-8, Yokosuka-Shi, Kanagawa-Ken, 238-0313, Japan; Satoshi Niwa (丹羽智) residing at Park Grace 401, 1-9-10, Misuji, Taito-Ku, Tokyo-To, 111-0055, Japan; and Hiroyuki Nakamura (中村弘幸), a citizen of Japan residing in Osaka-Fu having a current work address at 1008, Oaza Kadoma, Kadoma-Shi, Osaka-Fu, 571-0050, Japan, have invented certain new and useful SAW-BASED ELECTRONIC ELEMENTS AND FILTER DEVICES for which we have made application for Letters Patent of the United States as fully set forth and described in the specification duly filed in the United States Patent and Trademark Office on July 17, 2017 and assigned Application Serial No. 15/651,216, which derived priority benefit from U.S. Provisional Patent Application Serial No. 62/510,035 filed May 23, 2017 and U.S. Provisional Patent Application Serial No 62/363,655 filed July 18, 2016; and

WHEREAS, Skyworks Filter Solutions Japan Co., Ltd., a *kabushiki kaisha* incorporated under the laws of Japan, having a principal office address at 1006, Oaza Kadoma, Kadoma-Shi, Osaka-Fu 571-0050, Japan, is desirous of acquiring the entire interest in and to said invention, said non-provisional and provisional applications, any and all inventions and improvements disclosed in said applications, and all Letters Patent to be had therefor.

NOW THEREFORE, to all whom it may concern, be it known, that for good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, we, said Yoshiaki Ando (安藤義明), Satoshi Niwa (丹羽智), and Hiroyuki Nakamura (中村弘幸) have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said Skyworks Filter Solutions Japan Co., Ltd., the whole right, title, and interest in and to said SAW-BASED ELECTRONIC ELEMENTS AND FILTER DEVICES, the aforesaid applications, and any and all inventions and improvements disclosed in the aforesaid non-provisional and provisional applications for patent, as fully set forth and described therein, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from or claiming priority to the aforesaid applications which have been or shall be filed in the United States and in and to the United States Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from or claiming priority to the aforesaid United States non-provisional and provisional patent applications and related applications as prepared for and filed in any and all foreign countries, said whole right, title, and interest being the same for said Skyworks Filter Solutions Japan Co., Ltd.'s own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which all said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made. And we hereby acknowledge, agree, and understand that this assignment conveys any and all other related intellectual property rights including, but not so limited to, copyright rights, copyrightable subject matter, know how, trade secrets, copyright registrations, and reproduction rights, including any and all right to sue for past, current, or future infringement of the intellectual property rights hereby sold, assigned, and transferred, and we further hereby waive any and all moral rights under 17 U.S.C. § 108A or as so otherwise provided.

And we, for ourselves, our heirs, assigns, and legal representatives hereby covenant to and with said assignee Skyworks Filter Solutions Japan Co., Ltd., its assigns, successors, and legal representatives, that we have full right to sell, assign, and transfer the whole right, title, and interest in and to said inventions and improvements, said non-provisional and provisional applications, and all the Letters Patent to be had therefor and that the entire interest herein conveyed is free from all

prior assignment, grant, mortgage, license, or other encumbrance whatsoever. And we also, for ourselves, our heirs, assigns, and legal representatives hereby further covenant to and with said assignee Skyworks Filter Solutions Japan Co., Ltd., its assigns, successors, and legal representatives to fully cooperate therewith in the prosecution of the aforesaid applications in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation extending to any U.S. or foreign divisional, continuing, substitute, renewal, reissue, or any other application derived from or claiming priority to the aforesaid applications, and including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith.

And we do hereby covenant and agree not to challenge or oppose, on any grounds whatsoever, the validity of this assignment or to assist or request any third party to contest the validity of this assignment, and we further agree not to contest the validity or enforceability of any intellectual property rights assigned herein, or to assist or request any third party to contest the validity or enforceability of any intellectual property rights assigned herein. And we also agree that no course of conduct or dealing by us shall act as an amendment, modification, or waiver of any provision of this assignment unless specifically set forth in writing.

And we do hereby authorize and request the United States Commissioner of Patents to issue Letters Patent to said Skyworks Filter Solutions Japan Co., Ltd. as the assignee of our entire right, title, and interest therein.

IN TESTIMONY WHEREOF, we have hereunto set our respective hand and seal on the day and month of the year 2018 as indicated below.

Yoshiaki Ando L.S. 安藤義明 L.S. May 30, 2018
Yoshiaki Ando 安藤義明 Date

The undersigned hereby certifies that he/she personally witnessed the foregoing signature of Yoshiaki Ando (安藤義明) handwritten in his/her presence in the city of Kadoma, Japan.

Witnessed by Hitoshi Obuchi on this 30th day of May, 2018
Witness Signature

Print Hitoshi Obuchi and Patent Attorney of Miyoshi & Miyoshi
Witness Name Witness Title

Satoshi Niwa L.S. 丹羽智 L.S. May 29, 2018
Satoshi Niwa 丹羽智 Date

The undersigned hereby certifies that he/she personally witnessed the foregoing signature of Satoshi Niwa (丹羽智) handwritten in his/her presence in the city of Kadoma, Japan.

Witnessed by Hitoshi Obuchi on this 29th day of May, 2018
Witness Signature

Print Hitoshi Obuchi and Patent Attorney of Miyoshi & Miyoshi
Witness Name Witness Title

Hiroyuki Nakamura U.S. 中村 弘幸 U.S. July 10, 2018
Hiroyuki Nakamura 中村弘幸 Date

The undersigned hereby certifies that he/she personally witnessed the foregoing signature of Hiroyuki Nakamura (中村 弘幸)
handwritten in his/her presence in the city of Kadoma, Japan.

Witnessed by Shigeki Hosoya on the 10th day of July, 2018
Witness Signature

Print: Shigeki Hosoya and HR Director of SFSJ
Witness Name Witness Title

