

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PANASONIC CORPORATION	12/03/2019
RECEIVING PARTY DATA		
Name:	PANASONIC I-PRO SENSING SOLUTIONS CO., LTD.	
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State/Country:	JAPAN	
Postal Code:	812-8531	
PROPERTY NUMBERS Total: 6		
Property Type	Number	
Application Number:	15702074	
Application Number:	16052209	
Application Number:	16523695	
Application Number:	16523604	
Application Number:	16564729	
Application Number:	16570098	
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DATE SIGNED:	12/13/2019	
Total Attachments: 3		

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PATENT

REEL: 051276 FRAME: 0125

ASSIGNMENT

WHEREAS, **PANASONIC CORPORATION**, a corporation organized and existing under the laws of **JAPAN**, whose mailing address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan, hereinafter known as the **ASSIGNOR**, is the sole owner of the U.S. patent applications listed in the attached Appendix (hereinafter referred to collectively as "**U.S. Patent Applications**").

AND WHEREAS, **PANASONIC I-PRO SENSING SOLUTIONS CO., LTD.**, a corporation organized and existing under the laws of **JAPAN**, whose mailing address is 4-1-62 Minoshima, Hakata-ku, Fukuoka City 812-8531, Japan, hereinafter known as the **ASSIGNEE**, is desirous of acquiring **ASSIGNOR**'s entire right, title and interest for the United States in and to said **U.S. Patent Applications**, including any and all divisions, continuations, and continuations-in-part thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, such that **ASSIGNEE** shall own an undivided interest of the entire right, title and interest for the United States in and to said **U.S. Patent Applications**.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said **ASSIGNOR** hereby assigns, sells and transfers to said **ASSIGNEE**, its assigns and legal representatives, **ASSIGNOR**'s entire right, title and interest in and to said **U.S. Patent Applications**, for the United States, including any and all divisions, continuations, and continuations-in-part thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said **ASSIGNEE** and its assigns and legal representatives to have, hold, exercise and enjoy the said **U.S. Patent Applications**, including any and all divisions, continuations, and continuations-in-part thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said **ASSIGNEE** and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said **ASSIGNOR** might or could have held and enjoyed the same, if this assignment had not been made.

AND said **ASSIGNOR** hereby agrees to execute all papers necessary to file applications in the United States for said **U.S. Patent Applications** and to assign the same to said **ASSIGNEE**, or any assignee acquiring title to said **U.S. Patent Applications**, and to execute any other papers that may be needed in connection with securing further Letters Patent thereon.

AND said **ASSIGNOR** authorizes and requests the Commissioner of Patents to issue Letters Patent, and any and all divisions, continuations, and continuations-in-part thereof, to said **ASSIGNEE**, its assigns and legal representatives, in accordance herewith.

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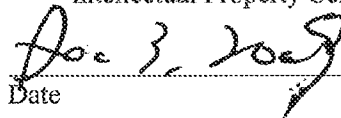
IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR, on the date indicated below.

PANASONIC CORPORATION



Signature

Name Hiroki NISHIDA

Title Authorized Signing Officer,
Intellectual Property Center

Date

First Witness (Optional):

(Name)

(Date)

Second Witness (Optional):

(Name)

(Date)

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APPENDIX

Application No.	Filing Date
15/702,074	09/12/2017
16/052,209	08/01/2018
16/523,695	07/26/2019
16/523,604	07/26/2019
16/564,729	09/09/2019
16/570,098	09/13/2019

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