## 506155070 07/15/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAKESHI SHIMADA	07/01/2020
JUNKO NAKANO	07/02/2020
TAKAMITSU ARAI	07/01/2020
SHUUJI KAWAZOE	07/01/2020
TOSHIHIKO YAMAHATA	07/03/2020

#### **RECEIVING PARTY DATA**

Name:	PANASONIC I-PRO SENSING SOLUTIONS CO., LTD.
Street Address:	4-1-62 MINOSHIMA, HAKATA-KU, FUKUOKA-SHI
City:	FUKUOKA
State/Country:	JAPAN
Postal Code:	812-8531

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16928648

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	734556.453
NAME OF SUBMITTER:	JEFFREY M. SAKOI
SIGNATURE:	/Jeff Sakoi/
DATE SIGNED:	07/15/2020

**Total Attachments: 4** 

PATENT REEL: 053218 FRAME: 0274

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> PATENT REEL: 053218 FRAME: 0275

PIPS Reft: <u>SP360336US01</u>	Application Serial No	
US Firm Name': <u>SEED</u>	US Firm Ret:	
ASSIG	NMENT	
WHEREAS, the undersigned has thave) invented the invention shifted. Box 1		
Tille of Invention: SURVEILLANCE CAMERA AND INFORMATION PROC	ESSING APPARATUS	
1. For use when algoring Declaration prior to liking	U.C. patent application (check only one box below)	
(a)Mfor which an application for U.S. patent has been executed	by the undersigned concurrently herewith, or	
(b)(3) for which an application for U.S. patent has been executed if Occurring & Adjoined prospection the contract, short or and order to complete thinks if		, Ot the region the Lecturesian
(c)Clfor which an international Application has been filed as: the REFUS estimateure check only for and rate PCT application made in right.	PCT Application No.	and,
2. For use when signing Declaration	n after liking U.S. patent eppikation	
(d)Ofor which an application for U.S. patent has been fited on:	Application Filing Date	gsnci.

WHEREAS, PANASONIC FFRO SENSING SOLUTIONS CO., LTD., 4-1-52 MINOSHIMA, HAKATA-KU, FUKUGKA-SHI, FUKUGKA 812-8531 JAPAN and

its/their heirs, successors, legal representatives and assigns (hereinafter designated as "Assigned(s)") is/am deserous of acquiring the entire right, title, and interest in and to said invention and in end to any Letters Patent(s) that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee(s) the entire and exclusive right, title and interest in and for (i) said invention in the United States of America, its territories, dependencies and obsessions thereis designated as the United States) and in all countries foreign to the United States; and (i) this patient application and any and all related patient application(s) disdosing said invention, including provisionals, non-provisionals, conversions, divisions, continuations, continuations—in-pert and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priceity created by this patient application under any treaty relating thereto; and (iii) any and all Letters Patenti(s), including all renewals, extensions, reissues and reasemination certificates which may be granted therefore, and all rights to see for past and future infurgement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

The undersigned agree(s) to execute all papers recessary in connection with this application and any and all Related Applications thereof, all papers and documents and perform any act which may be necessary in connection with claims or provisions of the international Convention for Protection of Industrial Property or similar agreements, all papers recessary in connection with any Interference which may be declared concerning this application or any and all Related Applications thereof and to cooperate with the Assignee(s) in every way possible in obtaining and producing evidence and proceeding with such interference, and for any and all Related Applications regarding, or for the purpose of protecting the right, this and interest in and to said invention, this application and any and all Petated Applications or Letters Patent(s) therefore, and to feeling any legal proceeding relating thereto and in support thereof for the benefit of Assignee(s), and also to execute separate assignments in connection with such applications as the Assignee(s) may deem necessary or expedient.

The undersigned agree(s) to perform all affirmative acts which may be recessary to obtain a grant of a valid United States and any foreign patern(s) to the Assignee(s) and to vest all rights hereby conveyed to the Assignee(s) as fully and entirely as the same would have been held by the undersigned if this Assignment had not been made

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents, and officials of all foreign countries, whose duty is to issue patents, to issue any and all Letters Patent(s) resulting from said application or any and all Related Applications thereof to said Assignee(s) and hereby coverants that the undersigned has (have) full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any assignment, sale, agreement or encumbrances in conflict herewith.

The undersigned hereby does self, assign and transfer unto said Assignee(s) the full and exclusive authority for revoking power of attorney(s) executed by the undersigned in connection with this application and for appointing a new power of attorney in place thereof.

The undersigned hereby grant(a) the Assignee(s) and the appointed U.S. patent atteneys and agents the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent Office for recordation of this document.

The undersigned hereby agreets) that the above obligations shall apply to the undersigned both individually and collectively.

The undersigned hereby agree(s) that this Assignment shall be construed in accordance with the law of the appropriate jurisdiction within the United States.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s)

	(e) First Name, Last Name	(i) Signature	(g) Date signed
(1)	Takeshi SHIMADA	Tokeski Minada	J. 1. 1. 2020
(3)	Junko NAKANO		Month, Calle, Year
(%)	Takamitsu ARAI	Tokamitsu Aval	Jul. 1.202.0
(4)	Shuoji KAWAZOE	Bhigi Hawagac	Jul. 1. 2020

**≫C**heck if additional paper(s) le/are attached. Total of <u>2</u> page(s) are submitted.

PATENT REEL: 053218 FRAME: 0276

# ASSIGNMENT (Cont.)

### Additional investors:

90X5	(Continued)	·	·······
	(e) First Name, Last Name	(f) Signature	(g) Date signed
(5)	Toshihiko YAMAHATA	Todhhika Yamahata	Work Date Year July, 3,2020
(8)			Marin, Oste, Yeor
7)		**	Month, Dally, Year
8)			Neorth Date, Year
9)			Month, Dahe, Year
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2)	**	· · · · · · · · · · · · · · · · · · ·	Staniti, Date. Year
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5)	3 33		6(co)(1 (Selle, Vess)
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7)			Month, Oala, Neer
8)			Month Date, War
9)			Stanti, Dans, Hear
0)			Adentis Ciela, Naer
1)			Missen, Dage Year
			Search, Dass, Year
2)			

SECtions if additional paperts) is/are attached. Total of \_2\_ page(s) are submitted,

PIPS Ref*: <u>SP900336US01</u>	Application Serial No
US Firm Name*: SEED	US Firm Ref:

## **ASSIGNMENT**

WHEREAS, the undersigned has (have) invented the invention entitled:

Box 1		
Title of Invention:		
SURVEILLANCE CAMERA AND INFORMATION PROCE	ESSING APPARATUS	
<ol> <li>For use when signing Declaration prior to filing U</li> </ol>	J.S. patent application (check on	y one box below)
(a) ■for which an application for U.S. patent has been executed be	by the undersigned concu	rrently herewith, or
(b) for which an application for U.S. patent has been executed (if Declaration & Assignment are signed on the same day, check (a) and make no entry in the blank; if the		, Or gnment, enter the date(s) on which you signed the Declaration)
(c) Ifor which an International Application has been filed as:  (for the PCT-US national entry, check only (c) and enter PCT application number in the right)	PCT Application No.	and,
	• •	,

# WHEREAS, PANASONIC I-PRO SENSING SOLUTIONS CO., LTD., 4-1-62 MINOSHIMA, HAKATA-KU, FUKUOKA-SHI, FUKUOKA 812-8531 JAPAN, and

its/their heirs, successors, legal representatives and assigns (hereinafter designated as "Assignee(s)") is/are desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee(s) the entire and exclusive right, title and interest in and to; (i) said invention in the United States of America, its territories, dependencies and possessions (hereinafter designated as the United States) and in all countries foreign to the United States; and (ii) this patent application and any and all related patent application(s) disclosing said invention, including provisionals, non-provisionals, conversions, divisions, continuations, continuations-in-part and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priority created by this patent application under any treaty relating thereto; and (iii) any and all Letters Patent(s), including all renewals, extensions, reissues and reexamination certificates which may be granted therefore, and all rights to sue for past and future infringement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

The undersigned agree(s) to execute all papers necessary in connection with this application and any and all Related Applications thereof, all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, all papers necessary in connection with any interference which may be declared concerning this application or any and all Related Applications thereof and to cooperate with the Assignee(s) in every way possible in obtaining and producing evidence and proceeding with such interference, and for any and all Itigations regarding, or for the purpose of protecting the right, title and interest in and to said invention, this application and any and all Related Applications or Letters Patent(s) therefore, and to testify in any legal proceeding relating thereto and in support thereof, for the benefit of Assignee(s), and also to execute separate assignments in connection with such applications as the Assignee(s) may deem necessary or expedient.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States and any foreign patent(s) to the Assignee(s) and to vest all rights hereby conveyed to the Assignee(s) as fully and entirely as the same would have been held by the undersigned if this Assignment had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents, and officials of all foreign countries, whose duty is to issue patents, to issue any and all Letters Patent(s) resulting from said application or any and all Related Applications thereof to said Assignee(s) and hereby covenants that the undersigned has (have) full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any assignment, sale, agreement or encumbrances in conflict herewith.

The undersigned hereby does sell, assign and transfer unto said Assignee(s) the full and exclusive authority for revoking power of attorney(s) executed by the undersigned in connection with this application and for appointing a new power of attorney in place thereof. The undersigned hereby grant(s) the Assignee(s) and the appointed U.S. patent attorneys and agents the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent Office for recordation of this decument.

The undersigned hereby agree(s) that the above obligations shall apply to the undersigned both individually and collectively.

The undersigned hereby agree(s) that this Assignment shall be construed in accordance with the law of the appropriate jurisdiction within the United States.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s).

Box2	Box2 (Each Inventor, please Sign and Date below)		
	(e) First Name, Last Name	(f) Signature	(g) Date signed
(1)	Takeshi SHIMADA		Month, Date, Year
(2)	Junko NAKANO	/Junko NAKANO/	Month, Date, Year July 2, 2020
(3)	Takamitsu ARAI		Month, Date, Year
(4)	Shuuji KAWAZOE		Month, Date, Year

■ Check if additional paper(s) is/are attached. Total of 2 page(s) are submitted.

# **ASSIGNMENT (Cont.)**

### **Additional Inventors:**

Box2 (Continued)		1
(e) First Name, Last Name	(f) Signature	(g) Date signed
(5) Toshihiko YAMAHATA		Month, Date, Year
(6)		Month, Date, Year
(7)		Month, Date, Year
(8)		Month, Date, Year
(9)		Month, Date, Year
(10)		Month, Date, Year
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(19)		Month, Date, Year
(20)		Month, Date, Year
(21)		Month, Date, Year
		Month, Date, Year
(22)		

■ Check if additional paper(s) is/are attached. Total of \_2\_ page(s) are submitted.

**RECORDED: 07/15/2020** 

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