### 502687154 02/20/2014

#### PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2733759

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TOMOAKI TOJO	10/28/2013
KOJI HIROSE	10/29/2013
NOBUHIKO OKAMOTO	10/29/2013
HARUYUKI SHIMIZU	10/31/2013

#### **RECEIVING PARTY DATA**

Name:	PANASONIC CORPORATION		
Street Address:	1006, OAZA KADOMA, KADOMA-SHI		
City:	OSAKA		
State/Country:	JAPAN		
Postal Code:	571-8501		

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14079717

#### **CORRESPONDENCE DATA**

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Address Line 2: 7F OBP PANASONIC TOWER
Address Line 4: OSAKA, JAPAN 540-6207

ATTORNEY DOCKET NUMBER:	P658481-01
NAME OF SUBMITTER:	KAZUKO NAKAGAWA
Signature:	/Kazuko NAKAGAWA/
	PATENT

502687154 REEL: 032249 FRAME: 0957

Date:	02/20/2014
Total Attachments: 2 source=Assignment 14079717(P658481-01 source=Assignment 14079717(P658481-01	, . · ·

PATENT REEL: 032249 FRAME: 0958

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Pana	sonic Ref*: _F	P658481-01		! !		Application Seri	ial No. 14	41079717
Japar	n Firm Name: _	Nii Patent Firm				Japan Firm Ref		·
US Fi	rm Name*: <u>V</u>	VLP		!		US Firm Ref:		-
(* must b	e filled)			<del>-</del>		_		
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	WHEREAS, Pana	sonic Corporation of	f 1006, O	za Kadoma, Kad	loma-shi. O:	saka 571-8501 .IA	PAN and	
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title, ar	id interest in and	to said invention and i	in and to a	anv Letters Paten	it(s) that ma	v be granted therei	ior	s of acquiring the entire right,
ľ	YOW, THEREFOR	RE, for good and valu	able cons	sideration, the rec	eipt and su	ficiency of which a	re hereby a	knowledged and intended to
title an	d interest in and t	o; (i) said invention in	the Unite	d States of Americ	ca, its territo	ries, dependencies	and posses	the entire and exclusive right, sions (hereinafter designated
as the	United States) an	d in all countries forei	on to the	United States: an	ıd (ii) this pa	tent application an	d anv and al	related natent application(s)
thereof	f in the United Sta	tes and all countries fo	preign to t	he United States	(hereinafter	designated as "Re	lated Applica	uations-in-part and reissues tions"), along with all rights of
priority	created by this pa	atent application unde	r anv trea	tv relating thereto	r: and (iii) an	v and all Letters Pa	itent(s) inclu	rding all renewals, eviencione
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legal p	roceeding relating	g thereto and in suppo s the Assignee(s) may	ort thereof	f, for the benefit of	of Assignee(	s), and also to exe	cute separat	te assignments in connection
7	he undersigned a	agree(s) to perform all	affirmativ	e acts which may	y be necess	ary to obtain a grai	nt of a valid t	Jnited States and any foreign
the und	(s) to the Assigned dersigned if this A	e(s) and to vest all ng ssignment had not be	hts hereb en made.	y conveyed to the	e Assignee(s	s) as fully and entir	ely as the sa	me would have been held by
٦	he undersigned I	hereby authorize(s) a:	nd reques	t(s) the Commiss	sioner of Pa	tents, and officials	of all foreig	n countries, whose duty is to
and he	ereby covenants t	that the undersigned	has (have	ulung from salu ap e) full right to cor	pplication of tivey the en	'any and all Relate lire interest herein	assigned, a	ns thereof to said Assignee(s) nd that the undersigned has
(have)	not executed, and	d will not execute, any	assignm	ent, sale, agreem	ent or encu	mbrances in conflic	t herewith.	hority for revoking power of
attorne	y(s) executed by	the undersigned in co	nnection	with this applicati	on and for a	ppointing a new po	wer of attorn	nev in place thereof.
The un	idersigned hereby identification whi	grant(s) the Assigned ich may be pacessar	e(s) and the	ne appointed U.S.	. patent atto	rneys and agents t	he power to i	insert on this assignment any Office for recordation of this
docum	ent							
ן ר	The undersigned ? The undersigned ?	nereby agree(s) that ti nereby agree(s) that t	ne above his Assicı	obligations shall a iment shall be co	apply to the instrued in a	undersigned both i accordance with the	ndividually a e law of the :	nd collectively. appropriate jurisdiction within
the Un	ited States.							•
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DOXZ	(e) First Nam	<del>·                                      </del>	ire peloa	<u> </u>	(f) Signat	ure		(g) Date signed
/43	Tomostel	<u>-</u>	-7	0		7 ,		Month, Date, Year
(1)	Tomoaki	TOJO	T.	moaki'	· ·	Tojo		Oct. 28, 20/3
/01	Koji	NIBV6E		i i		<del> </del>		Month, Date, Year
(2)	Koji	HIROSE						
(3)	Nobuhiko	ОКАМОТО		į				Month, Date, Year
(3)	IAODAUIKO	OKANIO I O		! !				
(4)	Haruyuki	SHIMIZU		: :				Month, Date, Year

**PATENT REEL: 032249 FRAME: 0959** 

□Check if additional paper(s) is/are attached. Total of 1 pages are submitted.

Panasonic Ref*:	P658481-01	Application Serial No. 14/079717
Japan Firm Name:	Nii Patent Firm	Japan Firm Ref: FP13319
US Firm Name*:	WLP	US Firm Ref:
(		

# **ASSIGNMENT**

		vention entitled:	vymereas, the undersigned has (have) invented the in-
<del></del>			Box 1
		i	Title of Invention:
PUT CONTROLLER, AND IMAGE	CE SYSTEM, IMAGE OU	NT ASSISTAN	IMAGE OUTPUT APPARATUS, MEASUREMENT OUTPUTTING METHOD
y one box below)	J.S. patent application (check on	ation prior to filing (	1. For use when signing Declara
rrently herewith, or	by the undersigned conc	! been executed	(a) for which an application for U.S. patent has b
, Or onent, enter the date(s) on which you signed the Declaration)	on the following date(s):_ ne Declaration was signed before this Assi,	een executed	(b) for which an application for U.S. patent has b (If Declaration & Assignment are signed on the same day, check (a) and make no
and,	PCT Application No.	en filed as:	(c) for which an International Application has been for the PCT-US national entry, check only (c) and enter PCT application running
n	n after filing U.S. patent application	Isigning Declaration	2. For use when
and,	Application Filing Date	een filed on:	(d)□ for which an application for U.S. patent has b

WHEREAS, Panasonic Corporation of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, 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 litigations 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 document.

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	(Each Inventor, please Sign	d Date below)	
	(e) First Name, Last Na	(f) Signature	(g) Date signed
(1)	Tomoaki TOJO		Month, Date, Year
(2)	Koji HIROSE	Zostro 1	Month, Date, Year Oct. 29. 2013
(3)	Nobuhiko OKAMOT	J. Mond	Month, Date, Year
(4) DEC	Haruyuki SHIMIZU	PAT Anni Zu BEEL : 032246	ENT Month, Date, Year