

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8414759

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIROSHI YAHATA	09/11/2023
TAKAHIRO NISHI	09/05/2023
TADAMASA TOMA	09/05/2023
TOSHIYASU SUGIO	09/05/2023
RECEIVING PARTY DATA	
Name:	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
Street Address:	22-6, Moto-machi, Kadoma-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	571-0057
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18492916
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	epas.pkp@ml.jp.panasonic.com
Correspondent Name:	PASONA KNOWLEDGE PARTNER INC.
Address Line 1:	3F PANASONIC XC KADOMA
Address Line 2:	22-6, MOTO-MACHI, KADOMA-SHI
Address Line 4:	OSAKA, JAPAN 571-0057
ATTORNEY DOCKET NUMBER:	P1040916US01
NAME OF SUBMITTER:	TETSUO HIRABAYASHI
SIGNATURE:	/Tetsuo HIRABAYASHI/
DATE SIGNED:	02/01/2024
Total Attachments: 4	
source=Assignment 18492916(P1040916US01 PPCUS)#page1.tif	
source=Assignment 18492916(P1040916US01 PPCUS)#page2.tif	
source=Assignment 18492916(P1040916US01 PPCUS)#page3.tif	

Panasonic Ref*: P1040916US01Japan Firm Name: PIPM Direct

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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.

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Box2 (Each Inventor, please Sign and Date below)			
	(e) First Name, Last Name	(f) Signature	(g) Date signed Month, Date, Year
(1)	Hiroshi YAHATA	<u>Hiroshi YAHATA</u> /Hiroshi YAHATA/ (2022/09/11 11:18:38 GMT+9)	9 11, 2023
(2)	Takahiro NISHI		Month, Date, Year
(3)	Tadamasa TOMA		Month, Date, Year
(4)	Toshiyasu SUGIO		Month, Date, Year

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

Panasonic Ref*: P1040916US01Japan Firm Name: PIPM Direct

US Firm Name*: _____

Application Serial No. _____

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(2)	Takahiro NISHI	<i>/Takahiro Nishi/</i> Takahiro Nishi (2023-09-05 16:33 GMT+9)	Month, Date, Year 9 5, 2023
(3)	Tadamasa TOMA		Month, Date, Year
(4)	Toshiyasu SUGIO		Month, Date, Year

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(4)	Toshiyasu SUGIO		Month, Date, Year

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PATENT**RECORDED: 02/01/2024****REEL: 066316 FRAME: 0417**