

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI34838

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Panasonic Intellectual Property Management Co., Ltd.	02/07/2024
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	Panasonic Automotive Systems Co., Ltd.
<b>Street Address:</b>	4261, Ikonobe-cho, Tsuzuki-ku
<b>City:</b>	Yokohama-shi
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	224-8520
<b>PROPERTY NUMBERS Total: 99</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16024930
Application Number:	16033743
Application Number:	16207245
Application Number:	16270517
Application Number:	16504518
Application Number:	16558351
Application Number:	16198911
Application Number:	16198913
Application Number:	16566352
Application Number:	16867119
Application Number:	17355886
Application Number:	17675514
Application Number:	18099080
Application Number:	13425129
Application Number:	14106786
Application Number:	14102435
Application Number:	15470177
Application Number:	16803433
Application Number:	16739758
Application Number:	16717684

PATENT

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16111814
<b>Application Number:</b>	16291871
<b>Application Number:</b>	16351164
<b>Application Number:</b>	16351204
<b>Application Number:</b>	17004796
<b>Application Number:</b>	16352086
<b>Application Number:</b>	17014685
<b>Application Number:</b>	17354638
<b>Application Number:</b>	16291702
<b>Application Number:</b>	16353722
<b>Application Number:</b>	17029967
<b>Application Number:</b>	16366580
<b>Application Number:</b>	17686829
<b>Application Number:</b>	16371894
<b>Application Number:</b>	16711888
<b>Application Number:</b>	17374267
<b>Application Number:</b>	17375486
<b>Application Number:</b>	17478012
<b>Application Number:</b>	16360795
<b>Application Number:</b>	17377646
<b>Application Number:</b>	16828032
<b>Application Number:</b>	17327075
<b>Application Number:</b>	17375636
<b>Application Number:</b>	16814657
<b>Application Number:</b>	17590177
<b>Application Number:</b>	17490933
<b>Application Number:</b>	17150554
<b>Application Number:</b>	17195119
<b>Application Number:</b>	17212757
<b>Application Number:</b>	17438048
<b>Application Number:</b>	17704409
<b>Application Number:</b>	17686248
<b>Application Number:</b>	17699857
<b>Application Number:</b>	13950751
<b>Application Number:</b>	13950438
<b>Application Number:</b>	13960019
<b>Application Number:</b>	13542287
<b>Application Number:</b>	14159845

<b>Property Type</b>	<b>Number</b>
Application Number:	13863330
Application Number:	13919053
Application Number:	14040934
Application Number:	13667253
Application Number:	13923535
Application Number:	13740374
Application Number:	13745992
Application Number:	13772719
Application Number:	14250859
Application Number:	14948576
Application Number:	17103771
Application Number:	16242594
Application Number:	17116984
Application Number:	14691180
Application Number:	16034016
Application Number:	13703652
Application Number:	14007758
Application Number:	14275482
Application Number:	14009200
Application Number:	14128745
Application Number:	14008233
Application Number:	13827680
Application Number:	13803425
Application Number:	14767739
Application Number:	14771931
Application Number:	14776934
Application Number:	15507098
Application Number:	15327488
Application Number:	15567791
Application Number:	15567268
Application Number:	16465737
Application Number:	16616383
Application Number:	16615793
Application Number:	15947105
Application Number:	16042160
Application Number:	15980285
Application Number:	16630363
Application Number:	17539657

Property Type	Number
Application Number:	16820265
Application Number:	16178170
Application Number:	16166402

**CORRESPONDENCE DATA**

**Fax Number:**

*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.*

**Phone:** +81669068497  
**Email:** epas.ipc@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

<b>ATTORNEY DOCKET NUMBER:</b>	MEIGI-PIPM2PAS20240229-05
<b>NAME OF SUBMITTER:</b>	HISANORI SUGIURA
<b>SIGNATURE:</b>	HISANORI SUGIURA
<b>DATE SIGNED:</b>	02/28/2024

**Total Attachments: 3**  
source=PIPM05#page1.tif  
source=PIPM05#page2.tif  
source=PIPM05#page3.tif

## Assignment

Whereas, Panasonic Intellectual Property Management Co., Ltd., of 22-6, Moto-machi, Kadoma-shi, Osaka 571-0057 Japan, hereinafter referred to as "Assignor", solely or jointly owns the entire right, title and interest in United States Patent(s) and/or Application(s) mentioned in the attached schedule; and

Whereas, Panasonic Automotive Systems Co., Ltd. of 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8520 Japan, hereinafter referred to as "Assignee", desires to acquire the entire right, title and interest of the Assignor in the said U.S. Patent(s) and/or Application(s);

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to the above-named Assignee, its successors and assigns, its entire right, title and interest in the said U.S. Patent(s) and/or Application(s), and any divisional, continuing, reissue, re-examinations or other applications based in whole or in part thereon, together with all claims for damages by reason of past infringement of the said U.S. Patent(s) and/or Application(s) with the right to sue for and collect the same for their own use and enjoyment.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

**Panasonic Intellectual Property Management Co., Ltd.**

Date: Feb 7, 2024

By:   
Kenji Kamata  
Authorized Signing Officer

< Schedule >

Patent(s) and/or Application(s)

Our Reference No.	Application No.	Our Reference No.	Application No.
P1015039US01	16/024930	P1015012US01	17/029967
P1017051US01	16/033743	P1015013US01	16/366580
P1017254US01	16/207245	P1015013US02	17/686829
P1017255US01	16/270517	P1015497US01	16/371894
P1017861US01	16/504518	P1022350US01	16/711888
P1021715US01	16/558351	P1023698US01	17/374267
P1022618US01	16/198911	P1024336US01	17/375486
P1022620US01	16/198913	P1024349US01	17/478012
P1029501US01	16/566352	P1024632US01	16/360795
P1029501US02	16/867119	P1025034US01	17/377646
P1029501US03	17/355886	P1025037US01	16/828032
P1029501US04	17/675514	P1025179US01	17/327075
P1029501US05	18/099080	P1025319US01	17/375636
P0611030US01	13/425129	P1025351US01	16/814657
P0611030US02	14/106786	P1027869US01	17/590177
P0611415US01	14/102435	P1030580US01	17/490933
P1006526US02	15/470177	P1030932US01	17/150554
P1007257US01	16/803433	P1031668US01	17/195119
P1009205US01	16/739758	P1032525US01	17/212757
P1009215US01	16/717684	P1032795US01	17/438048
P1010233US01	16/111814	P1037748US01	17/704409
P1012783US01	16/291871	P1037997US01	17/686248
P1013167US01	16/351164	P1038065US01	17/699857
P1013564US01	16/351204	P0605163US01	13/950751
P1013814US01	17/004796	P0605216US01	13/950438
P1013873US01	16/352086	P0605433US01	13/960019
P1013891US01	17/014685	P0606972US01	13/542287
P1013891US02	17/354638	P0607415US01	14/159845
P1014097US01	16/291702	P0608272US01	13/863330
P1014189US01	16/353722	P0608292US01	13/919053

Patent(s) and/or Application(s)

Our Reference No.	Application No.	Our Reference No.	Application No.
P0608292US02	14/040934	P0614829US02	13/803425
P0608535US01	13/667253	P0615203US01	14/767739
P0611141US01	13/923535	P0615267US01	14/771931
P0611189US01	13/740374	P0617128US01	14/776934
P0611209US01	13/745992	P0623569US01	15/507098
P0611695US01	13/772719	P0623725US01	15/327488
P0617512US01	14/250859	P0625695US01	15/567791
P0620889US01	14/948576	P0625720US01	15/567268
P1017517US01	17/103771	P1004661US02	16/465737
P1021896US01	16/242594	P1007825US01	16/616383
P1026666US01	17/116984	P1007826US01	16/615793
P0456862US01	14/691180	P1008409US01	15/947105
P0465708US01	16/034016	P1008409US02	16/042160
P0606495US01	13/703652	P1008413US01	15/980285
P0607948US01	14/007758	P1008743US01	16/630363
P0608772US01	14/275482	P1008743US02	17/539657
P0611431US01	14/009200	P1009460US01	16/820265
P0611778US01	14/128745	P1009892US01	16/178170
P0614072US01	14/008233	P1010249US01	16/166402
P0614785US02	13/827680		