502660358 01/30/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Total Attachments: 2

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EPAS ID: PAT2706965

| SUBMISSION TYPE: NEW ASSIGNME | | NEW ASSIGNMENT | SIGNMENT | |
|--|---|--|----------------|--|
| NATURE OF CONVE | OF CONVEYANCE: ASSIGNMENT | | | |
| CONVEYING PARTY DATA | | | | |
| | | Name | Execution Date | |
| EIICHI NAITO 07/30/2013 | | | 07/30/2013 | |
| MASAKI KIYONO | | | 08/01/2013 | |
| MIKIYA NAKATA | | | 07/30/2013 | |
| RECEIVING PARTY D |)ATA | | | |
| Name: | PANASONIC | CORPORATION | | |
| Street Address: | 1006, OAZA K | ADOMA, KADOMA-SHI | | |
| City: | OSAKA | | | |
| State/Country: | JAPAN | | | |
| Postal Code: | | | | |
| PROPERTY NUMBERS Total: 1 | | | | |
| PROPERTY NUMBER | RS Total: 1 | | | |
| Property Property | | Numbe | er | |
| | | Number 13974533 | or | |
| Property Application Number: | Туре | | er | |
| Property Application Number: CORRESPONDENCE | Туре | | er | |
| Property Application Number: CORRESPONDENCE Fax Number: | Type DATA | 13974533 | er | |
| Property Application Number: CORRESPONDENCE Fax Number: Email: | Type DATA ishib | 13974533 ashi.m@jp.panasonic.com | pr | |
| Property Application Number: CORRESPONDENCE Fax Number: Email: | Type DATA ishib pe sent via US Ma | ashi.m@jp.panasonic.com il when the email attempt is unsuccessful. ASONIC CORPORATION | er | |
| Property Application Number: CORRESPONDENCE Fax Number: Email: Correspondence will E Correspondent Name: Address Line 1: | Type DATA ishib the sent via US Ma PAN 2-1- | ashi.m@jp.panasonic.com il when the email attempt is unsuccessful. ASONIC CORPORATION 51, SHIROMI, CHUO-KU | pr | |
| Property Application Number: CORRESPONDENCE Fax Number: Email: Correspondence will be Correspondent Name: Address Line 1: Address Line 2: | Type DATA ishib pe sent via US Ma PAN 2-1-1 | ashi.m@jp.panasonic.com iil when the email attempt is unsuccessful. ASONIC CORPORATION 61, SHIROMI, CHUO-KU DBP PANASONIC TOWER | er | |
| Property Application Number: CORRESPONDENCE Fax Number: Email: Correspondence will E Correspondent Name: Address Line 1: | Type DATA ishib pe sent via US Ma PAN 2-1-1 | ashi.m@jp.panasonic.com il when the email attempt is unsuccessful. ASONIC CORPORATION 51, SHIROMI, CHUO-KU | er | |
| Property Application Number: CORRESPONDENCE Fax Number: Email: Correspondence will E Correspondent Name: Address Line 1: Address Line 2: | Type DATA ishib the sent via US Ma PAN 2-1-1 7F COSA | ashi.m@jp.panasonic.com iil when the email attempt is unsuccessful. ASONIC CORPORATION 61, SHIROMI, CHUO-KU DBP PANASONIC TOWER | er | |
| Property Application Number: CORRESPONDENCE Fax Number: Email: Correspondence will E Correspondent Name: Address Line 1: Address Line 2: Address Line 4: | Type DATA ishib the sent via US Ma 2-1- 7F C OSA NUMBER: | ashi.m@jp.panasonic.com iil when the email attempt is unsuccessful. ASONIC CORPORATION 61, SHIROMI, CHUO-KU 0BP PANASONIC TOWER KA, JAPAN 540-6207 | er | |
| Property Application Number: CORRESPONDENCE Fax Number: Email: Correspondence will & Correspondent Name: Address Line 1: Address Line 2: Address Line 4: | Type DATA ishib the sent via US Ma 2-1- 7F C OSA NUMBER: | ashi.m@jp.panasonic.com iil when the email attempt is unsuccessful. ASONIC CORPORATION 61, SHIROMI, CHUO-KU 0BP PANASONIC TOWER KA, JAPAN 540-6207 P637082-02 | er | |

PATENT REEL: 032099 FRAME: 0796

| | | Assignment Form 3.0 (Oct. 2008) |
|--|--|---|
| Panasonic Ref*: _ P637082-02 | Application Serial | INO. 13/974533 |
| Japan Firm Name: Nii Patent Firm | Japan Firm Ref: | FP12469 |
| US Firm Name*: WLP | US Firm Ref: | |
| ASSIG | NMENT | |
| WHEREAS, the undersigned has (have) invented the invention entitled: Box 1 | | |
| Title of Invention: VEHICLE CHARGING CONTROL APPARATUS, VEHICLE C TERMINAL | HARGING CONTROL METH | OD, AND INFORMATION |
| 1. For use when signing Declaration prior to filing | U.S. patent application (check only or | ne box below) |
| (a)∎ for which an application for U.S. patent has been executed | • | |
| (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 t | on the following date(s): | , OF nt. enter the date(s) on which you signed the Declaration) |
| (c)□ for 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, |
| 2. For use when signing Declaration | on after filing U.S. patent application | |
| (d)□ for which an application for U.S. patent has been filed on: | Application Filing Date | and, |
| WHEREAS, Panasonic Corporation of 1006, Oaza Kadoma, Kad | doma-shi, Osaka 571-8501, JAPA | AN, and |
| its/their heirs, successors, legal representatives and assigns (hereinafter title, and interest in and to said invention and in and to any Letters Pater NOW, THEREFORE, for good and valuable consideration, the received be legally bound hereby, the undersigned, by these presents, does sell, title and interest in and to; (i) said invention in the United States of Amerias the United States) and in all countries foreign to the United States; and disclosing said invention, including provisionals, non-provisionals, conthereof in the United States and all countries foreign to the United States priority created by this patent application under any treaty relating thereto. | nt(s) that may be granted therefor ceipt and sufficiency of which are assign and transfer unto said As ca, its territories, dependencies and id (ii) this patent application and inversions, divisions, continuation (hereinafter designated as "Relat | hereby acknowledged and intended to signee(s) the entire and exclusive right, and possessions (hereinafter designated any and all related patent application(s) ons, continuations-in-part and reissues ted Applications", along with all rights of |

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

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 | 60x2 (Each Inventor, please Sign and Date below) | | | | |
|------|--|----------------|---------------|-----------------------------------|--|
| | (e) First N | ame, Last Name | (f) Signature | (g) Date signed | |
| (1) | Eilchi | NAITO | Eiidi Naito | Month, Date, Year [Uly. 30, 2013 | |
| (2) | Masaki | KIYONO | | Month, Date, Year | |
| (3) | Mikiya | NAKATA | Mikiya Noboto | Month, Date, Year July, 30, 2013 | |
| (4) | | | | Month, Date, Year | |

PATENT

REEL: 032099 FRAME: 0797

| Panasonic Ref*: | P637082-02 | Application Serial No. | <u> 13/974533</u> |
|--------------------|-----------------|------------------------|-------------------|
| Japan Firm Name: | Nii Patent Firm | Japan Firm Ref: | FP12469 |
| US Firm Name*: | WLP | US Firm Ref: | |
| (* must be filled) | | | |

ASSIGNMENT

| WHEREAS, the undersigned has (have) invented the invention entitled: | | | |
|---|-----------------------------------|-------------------|--|
| Box 1 | | | |
| Title of Invention: VEHICLE CHARGING CONTROL APPARATUS, VEHICLE CHARGING CONTROL METHOD, AND INFORMATION | | | |
| TERMINAL | | | |
| 1. For use when signing Declaration prior to filing to | J.S. patent application (check on | ly one box below) | |
| (a)■ for which an application for U.S. patent has been executed by the undersigned concurrently herewith, or | | | |
| (b) for which an application for U.S. patent has been executed on the following date(s): (if Declaration & Assignment are signed on the same day, check (a) and make no entry in the blank; if the Declaration was signed before this Assignment, enter the date(s) on which you signed the Declaration) | | | |
| (c)□ for 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, | |
| For use when signing Declaration after filing U.S. patent application | | | |
| (d)□ for which an application for U.S. patent has been filed on: | Application Filing Date | and, | |

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, ittle 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 Inven | tor, please Sign and Date | e below) | |
|------|-------------|---------------------------|---------------|-------------------|
| | (e) First N | | (f) Signature | (g) Date signed |
| (1) | Elichi | NAITO | | Month, Date, Year |
| (2) | Masaki | KIYONO | Masahi Kiyono | Aug. 1, 2013 |
| (3) | Mikiya | NAKATA | V | Wonth, Date, Year |
| (4) | | | | Month, Date, Year |

PATENT