502417966 07/12/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | | |
|-------------------------|----------------|--|--|
| Tomoyoshi SATO | 07/05/2013 | | |
| Prakash Sreedhar MURTHY | 07/06/2013 | | |

RECEIVING PARTY DATA

| Name: | ATONARP INC. |
|-------------------|------------------|
| Street Address: | 16-1, Tenjin-cho |
| Internal Address: | Hachioji-shi, |
| City: | Токуо |
| State/Country: | JAPAN |
| Postal Code: | 1920074 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13820109 |

CORRESPONDENCE DATA

Fax Number: 7038367419

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Buchanan Ingersoll & Rooney PC

Address Line 1: P.O. Box 1404

Address Line 4: Alexandria, VIRGINIA 22313-1404

| ATTORNEY DOCKET NUMBER: | 1032865-000055 |
|-------------------------|----------------------|
| NAME OF SUBMITTER: | William C. Rowland |
| Signature: | /William C. Rowland/ |
| Date: | 07/12/2013 |

Total Attachments: 2

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PATENT REEL: 030789 FRAME: 0121 OP \$40.00 13820109

| Attorney | Docket | No. | | | | | |
|----------|--------|-----|--|--|--|--|--|
| | | | | | | | |

ASSIGNMENT

(JOINT)

| THIS A | SSIC | SNME | IT, by <u>Tomoyoshi SATO</u> and | Prakash Sreedhar MURTHY | | |
|---|--------------------------------------|--|---|--|--|--|
| residing at | Tsu | kuba- | shi, Ibaraki, JAPAN | (hereinafter referred to as "the | | |
| Assignors"), re | spect | ively, v | vitnesseth | | | |
| | | | | | | |
| | | | ssignors have invented certain ne | | | |
| | | | or Letters Patent of the United St | PLIED TO AN MOBILITY SENSOR | | |
| sectorum un am a | appao | auon | or Letters Faterit of the Office Of | ates, which is a | | |
| (1) | | provis | sional application | | | |
| | (a) | | bearing Application No. | , and filed on | | |
| | (b) | | to be filed herewith; or | | | |
| (2) | \boxtimes | non-p | rovisional application | | | |
| | (a) | \boxtimes | bearing Application No. <u>13/820</u> | 109 , and filed on February 28, 2013 ; | | |
| | (b) | having an oath or declaration executed on even date herewith prior to filing of application; | | | | |
| | (c) | | having an oath or declaration ex Assignment; and | secuted on a different date than this | | |
| WHER | EAS, | ATON | IARP INC. | a corporation duly organized under | | |
| and pursuant to | the | laws o | f Japan and having a principa | al place of business at 16-1 Tenjin-cho, (hereinafter referred to as "the | | |
| Assignee"), is o right to file appl applications, in countries claim | desiro licatio cludir ing p | ous of a ons on ng prov riority t | acquiring the entire right, title, and said inventions and the entire rig visional applications for Letters P | interest in and to said inventions, the ht, title and interest in and to any atent of the United States or other any Letters Patent or Patents, United | | |

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

Buchanan Ingersoll & Rooney Pc

(7/06) Page 1 of 2

| Application No | . <u>13/820,109</u> |
|---------------------|---------------------|
| Attorney Docket No. | |

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

| DATE July 06,203 | Tômoyoshi SATO |
|-------------------|-------------------------|
| | ₹ómoyoshi SATO |
| DATE JUSY 06.2013 | The Many francis |
| | Prakash Sreedhar MURTHY |
| DATE | |

RECORDED: 07/12/2013