06/12/2018 504954715

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5001462

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| TOMOHIRO ARANO | 05/23/2018 |
| YOSHIHIDE YAMAMOTO | 05/23/2018 |
| HIROYUKI HAZEYAMA | 05/23/2018 |

RECEIVING PARTY DATA

| Name: | OMRON CORPORATION |
|-----------------|---|
| Street Address: | 801, MINAMIFUDODO-CHO, HORIKAWAHIGASHIIRU, SHIOKOJI-DORI, SHIMOGYO-KU, KYOTO-SHI, |
| City: | КУОТО |
| State/Country: | JAPAN |
| Postal Code: | 600-8530 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16004429 |

CORRESPONDENCE DATA

Fax Number: (510)580-7280

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.

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| ATTORNEY DOCKET NUMBER: | 77826-US-540 |
|-------------------------|---------------|
| NAME OF SUBMITTER: | BELINDA LEE |
| SIGNATURE: | /Belinda Lee/ |
| DATE SIGNED: | 06/12/2018 |

Total Attachments: 3

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> **PATENT** REEL: 046049 FRAME: 0933 504954715

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

| □ Declaration Submitted With Initial Filing |
|---|
| OR |
| ☐ Declaration Submitted After Initial Filing (surcharge 37 CFR 1.16(f) required) |
| (Title of the Invention) |
| POSITION DETECTING APPARATUS AND COMPUTER-READABLE RECORDING MEDIUM |
| |
| As a below named inventor (hereinafter designated as the undersigned), I hereby declare |
| that: |
| This declaration is directed to: |
| ∑ The attached application, |
| OR |
| United States Application Number or PCT International application number |
| Filed on |
| The above-identified application was made or authorized to be made by me. |
| I believe I am the original inventor or an original joint inventor of a claimed invention in the application. |
| The undersigned hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. |

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082373US00 77826-US-540

DECLARATION AND ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

WHEREAS, the undersigned has invented certain new and useful improvements

described in the application identified.

WHEREAS, OMRON Corporation (Name of Assignee)

of 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi,

KYOTO 600-8530, JAPAN (Address of Assignee)

hereinafter referred to as ASSIGNEE, is desirous of acquiring the undersigned's interest

in the said invention and application and in any U.S. Letters Patent which may be granted

on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good

and valuable consideration, receipt of which is hereby acknowledged by the undersigned,

the undersigned has/have sold, assigned and transferred, and by these presents does/do

sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns,

all his/her/their rights, title and interest in and to the said invention and application and all

future improvements thereon, and in and to any Letters Patent which may hereafter be

granted on the same in the United States, the said rights, title and interest to be held and

enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed

by said the undersigned had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal,

continuation in whole or in part, substitution, conversion, reissue, prolongation or

extension thereof.

The undersigned further agrees/agree that he/she/they will, without charge to said

Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said

application and/or applications, execute, verify, acknowledge and deliver all such further

papers, including applications for Letters Patent and for the reissue thereof, and

instruments of assignment and transfer thereof, and will perform such other acts as

Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention

and improvement, and to vest title thereto in said Assignee, or Assignee's successors

and assigns.

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PATENT REEL: 046049 FRAME: 0935

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

| Signature: | Tomohiro ARANO | Date: | 05/23/2018 | | |
|---|--------------------|-------|------------|--|--|
| Legal Name of Sole or First Inventor: Tomohiro ARANO | | | | | |
| Signature: | Yoshihide YAMAMOTO | Date: | 05/23/2018 | | |
| Legal Name of Additional Joint Inventor: Yoshihide YAMAMOTO | | | | | |
| Signature: | Hiroynki HAZEYAMA | Date: | 05/23/2018 | | |
| Legal Name of Additional Joint Inventor: Hiroyuki HAZEYAMA | | | | | |