504814694 03/12/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

tylesheet Version v1.2

EPAS ID: PAT4861429

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| CHENG-HAO HUANG | 02/26/2018 |

RECEIVING PARTY DATA

| Name: | DELTA ELECTRONICS, INC. |
|-----------------|--|
| Street Address: | NO. 252, SHANYING ROAD, GUISHAN DISTRICT |
| City: | TAOYUAN CITY |
| State/Country: | TAIWAN |
| Postal Code: | 33341 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15917219 |

CORRESPONDENCE DATA

Fax Number: (703)621-7155

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: 7036217140

Email: mailroom@mg-ip.com, alb@mg-ip.com

Correspondent Name: MUNCY, GEISSLER, OLDS & LOWE, PLLC

Address Line 1: 4000 LEGATO RD., SUITE 310
Address Line 4: FAIRFAX, VIRGINIA 22033

| ATTORNEY DOCKET NUMBER: | 0941/3254PUS2 |
|-------------------------|----------------------|
| NAME OF SUBMITTER: | JOE MCKINNEY MUNCY |
| SIGNATURE: | /Joe McKinney Muncy/ |
| DATE SIGNED: | 03/12/2018 |

Total Attachments: 1

source=2018-03-12-Assignment-as-filed#page1.tif

PATENT 504814694 REEL: 045174 FRAME: 0010

ASSIGNMENT

| hereafter referred to as ASSIGNO | DR, has/have invented certain new and useful improvements | as |
|------------------------------------|--|---------|
| described and set forth in the bel | ow identified application for United States Letters Patent: | |
| Title: MECHANISM-PARAMI | TER-CALIBRATION METHOD FOR | |
| ROBOTIC ARM SYSTEM | The state of the s | |
| Filed: 03/09/2018 | Serial No. 15/917,219 | |
| Executed on: February 26, 2018 | | ******* |

WHEREAS, <u>DELTA ELECTRONICS</u>, INC. of <u>No. 252</u>, <u>Shanying Road</u>, <u>Guishan District</u>, <u>Taoyuan City</u>, <u>Taiwan 33341</u> hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'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 Assignor, Assignor 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 interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor 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.

Assigner 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.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Cheng-Hao HUANG

<u>02/26/2018</u> Date

201510133-US-CIP; 0678-A53711CIP-US

PATENT REEL: 045174 FRAME: 0011

1

RECORDED: 03/12/2018