

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6465948

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DELTA ELECTRONICS COMPONENTS (WUJIANG) LTD.	12/09/2020
RECEIVING PARTY DATA	
Name:	DELTA ELECTRONICS (JIANGSU) LTD.
Street Address:	1688 JIANGXING EAST ROAD, WUJIANG ECONOMIC DEVELOPMENT ZONE
City:	WUJIANG CITY, JIANG SU PROVINCE
State/Country:	CHINA
Postal Code:	215200
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	9310796
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	9174394481
Email:	lungtinus@lungtin.com
Correspondent Name:	LUNG TIN LLC
Address Line 1:	228 EAST 45TH STE 605
Address Line 4:	NEW YORK, NEW YORK 10017
ATTORNEY DOCKET NUMBER:	1910620CN01-US
NAME OF SUBMITTER:	YUNLING REN
SIGNATURE:	/Yunling REN/
DATE SIGNED:	12/23/2020
Total Attachments: 8	
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CONFIRMATORY ASSIGNMENT

WHEREAS, **DELTA ELECTRONICS COMPONENTS (WUJIANG) LTD.**, a limited liability company organized and established under the laws of PRC, with a registered address of 1688 Jiangxing East Road, Wujiang Economic Development Zone, Wujiang City, Jiang Su Province, People's Republic of China, 215200 (the "Assignor") was the sole owner and is currently the sole owner of record in and to certain new and useful improvements disclosed in certain Letters Patent, and/or applications for Letters Patent (all right, title and interest therein referred to collectively as the "Patent Rights"), the patents information were enclosed herewith Exhibit A;

And WHEREAS, **DELTA ELECTRONICS (JIANGSU) LTD.**, limited liability company organized and established under the laws of PRC, with a registered address of 1688 Jiangxing East Road, Wujiang Economic Development Zone, Wujiang City, Jiang Su Province, People's Republic of China, 215200 ("Assignee"), together with any successors, legal representatives, or assigns thereof, desires to acquire the entire aforesaid Patent Rights throughout the world; and all right, title and interest in, to and under any and all corresponding Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00) and the consideration as set forth in the Agreement, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignor hereby confirms that Assignor has sold, assigned, transferred, and set over and does hereby sell, assign, transfer, and set over to Assignee, effective December 9, 2020, all said Patent Rights in the Patents throughout the entire world, in and to said applications for U.S. Letters Patent, and any and all divisions, continuations, substitutions, continuations-in-part, reexaminations reissues and extensions thereof, and any and all Letters Patent of the United States and non-US countries which may be granted therefore on such inventions or improvements; and specifically including all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and applications for patents (including related rights such as utility-model registrations, inventors certificates and the like) heretofore or hereafter filed for such

applications in any United States or non-US countries and all patents granted for such applications in the US and any non-US country, and we do hereby authorize and request the United States Commissioner for Patents and Trademarks, and any officials of any non- US countries whose duty it is to issue patents on applications as aforesaid, to issue any and all Letters Patent on such inventions or resulting from said application and from any and all divisions, continuations, and reissues thereof to Assignee in accordance of the terms of this Assignment.

The assignments and transfers described herein are to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States and non-US countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor further hereby assigns and transfers to Assignee whatever cause of action Assignor may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

IN TESTIMONY WHEREOF, we the Assignor hereby understand and agree to the terms described above, and hereby execute this Assignment.

Signature of Assignor

DELTA ELECTRONICS COMPONENTS (WUJIANG) LTD.

By

WEI HSI JU

[NAME] WEI, HSI JU

Title

[TITLE] General manager

Signature of Assignee

DELTA ELECTRONICS (JIANGSU) LTD.

By

WEI HSI JU

[NAME] WEI, HSI JU

Title

[TITLE] General manager

EXHIBIT A

DELTA ELECTRONICS (JIANGSU) LTD.: Patent and Active Patent Applications

<u>Country</u>	<u>Application No.</u>	<u>Publication No.</u>	<u>Grant No.</u>	<u>Title</u>
US	16/861,755	US20200346381A1		MOLD, EJECTION STRUCTURE THEREOF AND MANUFACTURING METHOD OF FAN
US	13/845,610	US20140076666A1	9,327,939	ENERGY-SAVING ELECTRICITY FEEDBACK DEVICE AND METHOD FOR AN ELEVATOR
US	13/845,519	US20140114446A1	9,310,796	MULTI-DRIVER CONTROL METHOD AND APPARATUS THEREOF

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	13/845,519
Filing Date	03/18/2013
First Named Inventor	Liquan QIU
Title	MULTI-DRIVER CONTROL METHOD AND APPARATUS THEREOF
Art Unit	2127
Examiner Name	LAUGHLIN, NATHAN L
Attorney Docket Number	1910620CN01-US

SIGNATURE of Applicant or Patent Practitioner

Signature	/Yunling REN/	Date (Optional)	
Name	Yunling Ren	Registration Number	47019
Title (if Applicant is a juristic entity)	Attorney/Agent for Applicant		
Applicant Name (if Applicant is a juristic entity)	DELTA ELECTRONICS (JIANGSU) LTD.		

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.



*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 054735 FRAME: 0682

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in the attached transmittal letter.

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A or equivalent):

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A or equivalent):

Name	Registration Number	Name	Registration Number

Please recognize or change the correspondence address for the application identified in the attached transmittal letter to:

☒ The address associated with the above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name:

Address:

City:

State:

Zip:

Country:

Telephone:

Email:

I am the Applicant:

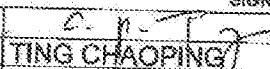
☐ Inventor or Joint Inventor

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor

☒ Assignee or Person to Whom the Inventor is Under an Obligation to Assign

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document)

SIGNATURE of Applicant for Patent

Signature		Date	08/17/2015
Name	TING CHAOPING	Telephone	
Title and Company	General Counsel, Data Electronics (Jiangsu) Ltd.		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms for more than one signature, see below *.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.33 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: DELTA ELECTRONICS (JIANGSU) LTD.

Application No./Patent No.: 9,310,796 Filed/Issue Date: 04-12-2016

Titled: MULTI-DRIVER CONTROL METHOD AND APPARATUS THEREOF

DELTA ELECTRONICS (JIANGSU) LTD., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;
2. ☐ an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or
3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: QIU, LIQUAN To: DELTA ELECTRO-OPTICS (WUJIANG) LTD.

The document was recorded in the United States Patent and Trademark Office at
Reel 030031, Frame 0020, or for which a copy thereof is attached.

2. From: DELTA ELECTRO-OPTICS (WUJIANG) LTD. To: DELTA ELECTRONICS COMPONENT (WUJIANG) LTD.

The document was recorded in the United States Patent and Trademark Office at
Reel 036424, Frame 0745, or for which a copy thereof is attached.

3. From: DELTA ELECTRONICS COMPONENT (WUJIANG) LTD. To: DELTA ELECTRONICS (JIANGSU) LTD.

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Yunling Ren/

12/21/2020

Signature

Date

Yunling Ren

Attorney/Agent for Applicant

Printed or Typed Name

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.