505170020 11/01/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5216788

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------|----------------|
| XIANGKUN BO | 10/23/2018 |
| JIEYAN SUN | 10/23/2018 |
| CHAO TANG | 10/23/2018 |

RECEIVING PARTY DATA

| Name: | NINGDE AMPEREX TECHNOLOGY LIMITED | | |
|---|-----------------------------------|--|--|
| Street Address: NO. 1 XINGANG ROAD, ZHANGWAN TOWN, JIAOCHENG ZONE | | | |
| City: | NINGDE, FUJIAN | | |
| State/Country: | CHINA | | |
| Postal Code: | 352100 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16175889 |

CORRESPONDENCE DATA

Fax Number:

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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Correspondent Name: BYIP

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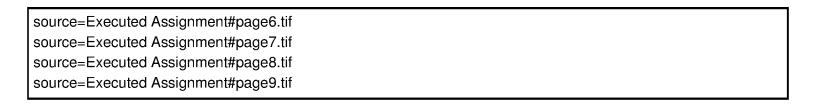
| ATTORNEY DOCKET NUMBER: | DEHE-1838-USPT |
|-------------------------|----------------|
| NAME OF SUBMITTER: | CHARLES HO |
| SIGNATURE: | /Charles Ho/ |
| DATE SIGNED: | 11/01/2018 |

Total Attachments: 9

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> PATENT REEL: 047375 FRAME: 0850

505170020



PATENT REEL: 047375 FRAME: 0851

ASSIGNMENT

| WHER | EAS, weXiangkun BoofChina |
|---|--|
| , , | nor"), are the inventors of an invention entitled "ELECTROLYTE AND LITHIUM ION BATTERY INCLUDING THE SAME is the subject matter of: (check all that apply) |
| [X] | a U.S. application for Letters Patent which claims the priority of the Chinese Patent Application No. 201811104264.6 filed on September 21, 2018 |
| [] | an application made under the Patent Cooperation Treaty which is identifiable at WIPO by Application No. PCT/ |
| [] | an application for Letters Patent which is identifiable in the Patent Office of the U.S. by Application No; |
| a corpo | EAS, Ningde Amperex Technology Limited pration organized and existing under the laws of China ("Assignee"), and having offices at , and name of the laws of China ("Assignee"), and having offices at , and name of the laws of China ("Assignee"), and having offices at , and name of the laws of China ("Assignee"), and having offices at , and name of the laws of China ("Assignee"), and having offices at , and name of the laws of China ("Assignee"), and having offices at , and name of the laws of China ("Assignee"), and having offices at , and having office |
| | ous of acquiring the entire right, title and interest in and to the invention, the applications, and any Letters Patent or similar foreign or domestic legal protection |
| [x] [] | in the United States in all other countries or jurisdictions; |
| | THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby vledged, |
| | gree to transfer, and o hereby transfer, |
| our ent includir applica non-U.S Patent, all right United | gnee, its successors and assigns, effective as of October 23, 2018 nunc pro tunc, ire right, title and interest in the above named countries and jurisdictions in and to the following not the right to sue for past infringement: the invention, the above-identified applications, all tions from which any of the above-identified applications claim priority, corresponding U.S. and S. applications, any continuation, division, renewal, or substitute for the applications, all Letters any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and s and benefits under any applicable treaty or convention, and I/we authorize the Director of the States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar rotection to the Assignee." |
| assigns authori: Letters jurisdic | horize the U.S. Attorneys handling this matter in the U.S. and the Assignee, its successors and s, to insert in this instrument the filing date(s) and application numbers when ascertained. We further ze the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Patent or similar legal protection, in its own name if desired, in the above named countries and tions and appoint Assignee the common representative in the above-identified international tion and any international application for the invention. |

We represent to the Assignee, its successors and assigns, that we shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant,

and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that we, our executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, we, our executors or administrators hereby authorize Assignee, its successors and assigns to act on our behalf.

If any provision(s) of this Assignment are held unenforceable or in conflict with the law of any jurisdiction, the validity of the remaining provisions will not be affected by such holding and the part held unenforceable in or in conflict with the law of one jurisdiction will remain in effect for other jurisdictions until held unenforceable or in conflict with the law of that jurisdiction.

| <u>Xiangkun</u> Bo | | | |
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| Xiangkun E | lo | | |
| (Inventor/ As | signor) | | |
| October 23, | 2018 | | |
| | | | |

ASSIGNMENT

| WHEF | REAS, we, _ | Jieyan Sun | of | <u>China</u> |
|--|--|--|--|---|
| | | ne inventors of an inve ect matter of: (check al | | AND LITHIUM ION BATTERY INCLUDING THE SAME |
| [X] | | | | ority of the Chinese Patent Application tember 21, 2018 |
| [] | an applica Applicatio | ition made under the P n No. PCT/ | atent Cooperation Treaty v | which is identifiable at WIPO by ed on, |
| [] | | | | Patent Office of the U.S. by Application; |
| 1871 (5-15 | om am Alim | ada Amanaray Tashaslar | ur Limalta d | |
| a corp | oration orga | | er the laws of <u>China</u> ("Ass | ignee"), and having offices at _ P. R. China 352100 |
| is desi and all | rous of acqu Letters Pat | uiring the entire right, ti ent or similar foreign o | tle and interest in and to th r domestic legal protection | e invention, the applications, and any |
| [x] [] | in the Unit in all othe | ed States countries or jurisdiction | ons; | |
| | THEREFO wledged, | RE, for good and value | able consideration, the red | ceipt and adequacy of which is hereby |
| | agree to trai do hereby tr | | | |
| our en includi applica non-U. Patent all righ United | tire right, tit ng the right ations from S. applicati t, any reissu ts and bene States Pat | le and interest in the a to sue for past infringe which any of the above ons, any continuation, ee, re-examination, or s fits under any applica | bove named countries and ement: the invention, the a e-identified applications of division, renewal, or subs similar legal protection iss ble treaty or convention, a | per 23, 2018 nunc pro tunc, d jurisdictions in and to the following above-identified applications, all laim priority, corresponding U.S. and stitute for the applications, all Letters uing related to the Letters Patent, and and I/we authorize the Director of the o issue the Letters Patent or similar |
| assigr author Letters jurisdic | is, to insert i ize the Assi s Patent or s ctions and a | n this instrument the fil gnee, its successors a imilar legal protection, | ing date(s) and application nd assigns, or anyone it main in its own name if desired, ommon representative in th | d the Assignee, its successors and numbers when ascertained. We further ay properly designate, to apply for in the above named countries and ne above-identified international |

We represent to the Assignee, its successors and assigns, that we shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant,

and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that we, our executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, we, our executors or administrators hereby authorize Assignee, its successors and assigns to act on our behalf.

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| Jieyan Sun | |
|-------------------------------------|--|
| Jieyan Sun (Inventor / Assignor) | |
| | |
| October 23, 2018 Date | |

PATENT REEL: 047375 FRAME: 0857

ASSIGNMENT

| WHER | REAS, we, | Chao Lang | of _ | | <u>China</u> |
|---|---|--|--|--|--|
| | | ne inventors of an inver ect matter of: (check all | | ROLYTE AND LITHIUM ION BATTERY IN | NCLUDING THE SAME |
| [X] | a U.S. a No. <u>20</u> | pplication for Letters P 01811104264.6 | atent which claims | the priority of the Chinese Pa September 21, 2018 | atent Application |
| [] | | | | reaty which is identifiable at filed on | |
| [] | | | | in the Patent Office of the U | |
| a corpo | oration orga | gde Amperex Technology nized and existing unde . Zhangwan Town, Jiaoch | er the laws of China | a ("Assignee"), and having of Fujian, P. R. China 352100 | fices at <u>.</u> |
| | | iiring the entire right, tit ent or similar foreign or | | nd to the invention, the applic tection | ations, and any |
| [x] [] | in the Unite in all other | ed States countries or jurisdictio | ns; | | |
| | THEREFOR | RE, for good and valua | ble consideration, | the receipt and adequacy of | f which is hereby |
| | agree to trar do hereby tra | | | | |
| our ent including application non-U. Patent all right United | tire right, titling the right ations from v.S. application, any reissuts and bene States Pate | e and interest in the al to sue for past infringe which any of the above ons, any continuation, e, re-examination, or s fits under any applicat | pove named countrement: the invention indicated applicated invision, renewal, comilar legal protections treaty or conventions. | October 23, 2018 ries and jurisdictions in and to the above-identified applications claim priority, corresponder substitute for the application issuing related to the Lefation, and I/we authorize the alent to issue the Letters Paragraphs. | o the following cations, all nding U.S. and ons, all Letters tters Patent, and Director of the |
| assign authori Letters jurisdic | s, to insert in ze the Assign Patent or setions and a | n this instrument the fili gnee, its successors an imilar legal protection, i | ng date(s) and appl nd assigns, or anyor n its own name if d mmon representati | J.S. and the Assignee, its sur lication numbers when ascer ne it may properly designate, esired, in the above named on the in the above-identified into | tained. We further , to apply for countries and |

We represent to the Assignee, its successors and assigns, that we shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant,

and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that we, our executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, we, our executors or administrators hereby authorize Assignee, its successors and assigns to act on our behalf.

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| Chao Tang | *** |
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| Chao Tang | |
| (Inventor / Assignor) | |
| October 23, 2018 Date | |

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