

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM795790

| | | | |
|-----------------------------------|---|--|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | SECURITY INTEREST | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| Richardson Electronics, Ltd. | | 03/20/2023 | Corporation: DELAWARE |
| Richardson International, Inc. | | 03/20/2023 | Corporation: DELAWARE |
| RECEIVING PARTY DATA | | | |
| Name: | PNC BANK, NATIONAL ASSOCIATION, as administrative agent | | |
| Street Address: | One North Franklin Street | | |
| Internal Address: | Suite 2800 | | |
| City: | Chicago | | |
| State/Country: | ILLINOIS | | |
| Postal Code: | 60606 | | |
| Entity Type: | National Banking Association: UNITED STATES | | |
| PROPERTY NUMBERS Total: 16 | | | |
| Property Type | Number | Word Mark | |
| Serial Number: | 97132598 | RICHARDSON ELECTRONICS POWER & MICROWAVE | |
| Serial Number: | 97132571 | RICHARDSON ELECTRONICS HEALTHCARE | |
| Serial Number: | 97132532 | RICHARDSON ELECTRONICS | |
| Serial Number: | 97132530 | 1 RICHARDSON ELECTRONICS | |
| Serial Number: | 97650103 | AMPEREX | |
| Serial Number: | 88860581 | ALTA750G | |
| Serial Number: | 88791682 | ULTRA3000 | |
| Serial Number: | 88054449 | CETRON | |
| Serial Number: | 88054446 | CETRON | |
| Serial Number: | 87750591 | ALTA750 | |
| Serial Number: | 85712985 | QA3 TRIPLE TESTED · TRIPLE WARRANTY · TR | |
| Serial Number: | 78223725 | AT | |
| Serial Number: | 78304313 | TEK LINK | |
| Serial Number: | 77589730 | CANVYS VISUAL TECHNOLOGY SOLUTIONS | |
| Serial Number: | 77566636 | CANVYS | |
| Serial Number: | 72015619 | NATIONAL | |

CH \$415.00 97132598

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.

Phone: 3127018637
Email: ipdocket@mayerbrown.com
Correspondent Name: William R. Siegel, Mayer Brown LLP
Address Line 1: 71 S. Wacker Drive
Address Line 4: Chicago, ILLINOIS 60606

| | |
|--------------------------------|--------------------|
| ATTORNEY DOCKET NUMBER: | 23730095 |
| NAME OF SUBMITTER: | William R. Siegel |
| SIGNATURE: | /william r siegel/ |
| DATE SIGNED: | 03/20/2023 |

Total Attachments: 13

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PATENT, TRADEMARK AND COPYRIGHT SECURITY AGREEMENT

This Patent, Trademark and Copyright Security Agreement (the “Agreement”), dated as of March 20, 2023, is entered into by and among EACH OF THE PERSONS LISTED ON THE SIGNATURE PAGES HERETO AND EACH OF THE OTHER PERSONS WHICH BECOME PLEDGORS HEREUNDER FROM TIME TO TIME (each a “Pledgor” and collectively, the “Pledgors”) and PNC BANK, NATIONAL ASSOCIATION, as administrative agent for the Lenders referred to below (the “Administrative Agent”).

WHEREAS, pursuant to that certain Credit Agreement (as amended, restated, modified or supplemented from time to time, the “Credit Agreement”) of even date herewith by and among RICHARDSON ELECTRONICS, LTD., a Delaware corporation (the “Borrower”), the Guarantors party thereto (the “Guarantors”), the Lenders party thereto (the “Lenders”) and the Administrative Agent, the Administrative Agent and the Lenders have agreed to provide certain loans to the Borrower, and the Pledgors have agreed, among other things, to grant a security interest to the Administrative Agent in certain patents, trademarks, copyrights and other property as security for such loans and other obligations as more fully described herein.

NOW, THEREFORE, intending to be legally bound hereby, the parties hereto agree as follows:

1. Defined Terms.

(a) Except as otherwise expressly provided herein, (i) capitalized terms used in this Agreement shall have the respective meanings assigned to them in the Credit Agreement and (ii) the rules of construction set forth in Section 1.2 Construction of the Credit Agreement shall apply to this Agreement. Where applicable and except as otherwise expressly provided herein, terms used herein (whether or not capitalized) shall have the respective meanings assigned to them in the Uniform Commercial Code as enacted in New York as amended from time to time (the “Code”).

(b) “Applicable IP Office” means the United States Patent and Trademark Office, the United States Copyright Office or any similar office or agency within or outside the United States.

(c) “Patents, Trademarks and Copyrights” shall mean and include all of each Pledgor’s present and future right, title and interest in and to the following: all trade names, patent applications, patents, trademark applications, trademarks and copyrights, whether now owned or hereafter acquired by each Pledgor, including, without limitation, those listed on Schedule A hereto, including all proceeds thereof (such as, by way of example, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof, and the goodwill of the business to which any of the patents, trademarks and copyrights relate, provided, that any “intent to use” trademark applications

for which a statement of use has not been filed shall be excluded (but only until such statement is filed).

(d) “Secured Obligations” shall mean and include the following: (i) all now existing and hereafter arising Indebtedness and Obligations of each and every Pledgor to the Administrative Agent, the Lenders, or any provider of any Lender Provided Interest Rate Hedge or any provider of any Other Lender Provided Financial Service Product under the Credit Agreement or any of the other Loan Documents, including all obligations, liabilities, and indebtedness, whether for principal, interest, fees, expenses or otherwise, of each and every of the Pledgors to the Administrative Agent, the Lenders, or any provider of any Lender Provided Interest Rate Hedge or any provider of any Other Lender Provided Financial Service Product, now existing or hereafter incurred under the Credit Agreement, the Notes, the Guaranty Agreement or any of the other Loan Documents as any of the same or any one or more of them may from time to time be amended, restated, modified, or supplemented, together with any and all extensions, renewals, refinancings, and refundings thereof in whole or in part (and including obligations, liabilities, and indebtedness arising or accruing after the commencement of any bankruptcy, insolvency, reorganization, or similar proceeding with respect to the Borrower or which would have arisen or accrued but for the commencement of such proceeding, even if the claim for such obligation, liability or indebtedness is not enforceable or allowable in such proceeding, and including all obligations, liabilities and indebtedness arising from any extensions of credit under or in connection with the Loan Documents from time to time, regardless whether any such extensions of credit are in excess of the amount committed under or contemplated by the Loan Documents or are made in circumstances in which any condition to extension of credit is not satisfied); (ii) all reimbursement obligations of each and every Pledgor with respect to any one or more Letters of Credit issued by Administrative Agent or any Lender; (iii) all indebtedness, loans, obligations, expenses and liabilities of the Pledgors to the Administrative Agent or any of the Lenders of any obligations incurred in connection with any Lender Provided Interest Rate Hedge or any Other Lender Provided Financial Service Product provided by the Administrative Agent or such Lenders pursuant to the Credit Agreement; and (iv) any sums advanced by the Administrative Agent or the Lenders or which may otherwise become due pursuant to the provisions of the Credit Agreement, the Notes, this Agreement, or any other Loan Documents or pursuant to any other document or instrument at any time delivered to the Administrative Agent in connection therewith, including commitment, letter of credit, agent or other fees and charges, and indemnification obligations under any such document or instrument, together with all interest payable on any of the foregoing, whether such sums are advanced or otherwise become due before or after the entry of any judgment for foreclosure or any judgment on any Loan Document or with respect to any default under any of the Secured Obligations.

2. To secure the full payment and performance of all Secured Obligations, each Pledgor hereby grants and conveys a security interest to the Administrative Agent, for itself and the benefit of the Lenders and their respective affiliates, in the entire right, title and interest of such Pledgor in and to all of its Patents, Trademarks and Copyrights.

3. Each Pledgor jointly and severally represents and warrants, and covenants that:

(a) as of the date hereof, to the Pledgor's knowledge, the Patents, Trademarks and Copyrights are subsisting and have not been adjudged invalid or unenforceable, in whole or in part;

(b) to the Pledgor's knowledge, each of the Patents, Trademarks and Copyrights is valid and enforceable;

(c) such Pledgor is the sole and exclusive owner of the entire and unencumbered right, title and interest in and to each of the Patents, Trademarks and Copyrights, free and clear of any liens, charges and encumbrances, except for Permitted Liens, including pledges, assignments, licenses, shop rights and covenants by such Pledgor not to sue third persons, except for existing licenses listed on Schedule 3(c), licenses granted in the ordinary course of business and non-exclusive licenses that do not have a material adverse effect on the Pledgor's business or the value of the Patents, Trademarks and Copyrights, taken as a whole;

(d) such Pledgor has the corporate, limited liability company or partnership power and authority, as applicable, to enter into this Agreement and perform its terms;

(e) no claim has been made to such Pledgor or, to the knowledge of such Pledgor, any other person that the use of any of the Patents, Trademarks and Copyrights does or may materially violate the rights of any third party;

(f) [Reserved];

(g) such Pledgor has used, and will continue to use for the duration of this Agreement, proper statutory notice in connection with its use of the Patents, Trademarks and Copyrights, except for those Patents, Trademarks and Copyrights that are hereafter allowed to lapse in accordance with Paragraph 11 hereof;

(h) such Pledgor will not change its state of incorporation, formation or organization, as applicable without providing five (5) days prior written notice the Administrative Agent;

(i) such Pledgor will not change its name without providing fifteen (15) days prior written notice to the Administrative Agent; and

(j) such Pledgor shall preserve its existence as a corporation, partnership or a limited liability company, as applicable, and except as permitted by the Credit Agreement, shall not (1) in one, or a series of related transactions, merge into or consolidate with any other entity, the survivor of which is not such Pledgor, or (2) sell all or substantially all of its assets.

4. Each of the obligations and additional liabilities of each and every Pledgor under this Agreement are joint and several with the obligations of the other Pledgors, and each Pledgor hereby waives to the fullest extent permitted by Law any defense it may otherwise have to the payment and performance of the Obligations that its liability hereunder is limited and not joint and several. Each Pledgor acknowledges and agrees that the foregoing waiver serves as a material inducement to the agreement of the Administrative Agent and the Lenders to make the Loans, and that the Administrative Agent and the Lenders are relying on such waiver in entering into this Agreement. The undertakings of each Pledgor hereunder secure the obligations of the Borrower,

itself and the other Pledgors. The Administrative Agent and the Lenders, or any of them, may, in their sole discretion, elect to enforce this Agreement against any Pledgor without any duty or responsibility to pursue any other Pledgor and such an election by the Administrative Agent and the Lenders, or any of them, shall not be a defense to any action the Administrative Agent and the Lenders, or any of them, may elect to take against any Pledgor. Each of the Lenders and the Administrative Agent hereby reserves all rights against each Pledgor.

5. Each Pledgor agrees that, until all of the Secured Obligations shall have been indefeasibly paid in full (other than contingent indemnification obligations for which no claim has been asserted), all Commitments have been terminated and all Letters of Credit and Lender Provided Interest Rate Hedge or any Other Lender Provided Financial Service Products have expired or been terminated, it will not enter into any agreement (for example, a license agreement) which is inconsistent with such Pledgor's obligations under this Agreement, without the Administrative Agent's prior written consent which shall not be unreasonably withheld except such Pledgor may license technology in the ordinary course of business without the Administrative Agent's consent to suppliers and customers to facilitate the manufacture and use of such Pledgor's products.

6. If, prior to the Facility Termination Date, any Pledgor shall own any new trademark, any trademark application which was previously "intent to use" status but for which a statement of use is then filed, any new copyrightable or patentable inventions, or any patent application or patent for any reissue, division, continuation, renewal, extension, or continuation in part of any Patent, Trademark or Copyright or any improvement on any Patent, Trademark or Copyright, the provisions of this Agreement shall automatically apply thereto and such Pledgor shall give to the Administrative Agent prompt notice thereof in writing. Each Pledgor and the Administrative Agent agree to modify this Agreement by amending Schedule A to include any future patents, patent applications, trademark applications which are new or are no longer "intent to use", trademarks, copyrights or copyright applications and the provisions of this Agreement shall apply thereto.

7. Administrative Agent shall have, in addition to all other rights and remedies given it by this Agreement and those rights and remedies set forth in the Credit Agreement, those allowed by applicable Law and the rights and remedies of a secured party under the Uniform Commercial Code as enacted in any jurisdiction in which the Patents, Trademarks and Copyrights may be located and, without limiting the generality of the foregoing, if an Event of Default has occurred and is continuing, Administrative Agent may immediately, without demand of performance and without other notice (except as set forth below) or demand whatsoever to Pledgors, all of which are hereby expressly waived, and without advertisement, sell at public or private sale or otherwise realize upon, in a city that the Administrative Agent shall designate by notice to the Pledgors, in Pittsburgh, Pennsylvania or elsewhere, the whole or from time to time any part of the Patents, Trademarks and Copyrights, or any interest which any Pledgor may have therein and, after deducting from the proceeds of sale or other disposition of the Patents, Trademarks and Copyrights all reasonable and documented out-of-pocket expenses (including reasonable and documented out-of-pocket fees and expenses for brokers and attorneys), shall apply the remainder of such proceeds toward the payment of the Secured Obligations as the Administrative Agent, in its sole discretion, shall determine. Any remainder of the proceeds after Payment in Full of the Secured Obligations (other than contingent indemnification obligations for which no claim has been asserted) shall be

paid over to Pledgors. Notice of any sale or other disposition of the Patents, Trademarks and Copyrights shall be given to Pledgors at least ten (10) days before the time of any intended public or private sale or other disposition of the Patents, Trademarks and Copyrights is to be made, which each Pledgor hereby agrees shall be reasonable notice of such sale or other disposition. At any such sale or other disposition, Administrative Agent may, to the extent permissible under applicable Law, purchase the whole or any part of the Patents, Trademarks and Copyrights sold, free from any right of redemption on the part of Pledgor, which right is hereby waived and released to the extent permitted by applicable Law.

8. If any Event of Default shall have occurred and be continuing, each Pledgor hereby authorizes and empowers the Administrative Agent to make, constitute and appoint any officer or agent of the Administrative Agent, as the Administrative Agent may select in its exclusive discretion, as such Pledgor's true and lawful attorney-in-fact, with the power to endorse such Pledgor's name on all applications, documents, papers and instruments necessary for the Administrative Agent to use the Patents, Trademarks and Copyrights, or to grant or issue, on commercially reasonable terms, any exclusive or nonexclusive license under the Patents, Trademarks and Copyrights to any third person, or necessary for the Administrative Agent to assign, pledge, convey or otherwise transfer title in or dispose, on commercially reasonable terms, of the Patents, Trademarks and Copyrights to any third Person. Each Pledgor hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof. This power of attorney, being coupled with an interest, shall be irrevocable for the life of this Agreement.

9. At such time as all of the Secured Obligations shall have been paid in full (other than contingent indemnification obligations for which no claim has been asserted) and all Commitments shall have been terminated and all Letters of Credit and Lender Provided Interest Rate Hedge or any Other Lender Provided Financial Service Products have expired or been terminated, this Agreement shall terminate and the Administrative Agent shall execute and deliver to the Pledgors all deeds, assignments and other instruments as may be necessary or proper to re-vest in the Pledgors full title to the Patents, Trademarks and Copyrights, subject to any disposition thereof which may have been made by the Administrative Agent pursuant hereto.

10. Any and all reasonable and documented fees, costs and out-of-pocket expenses, of whatever kind or nature, including reasonable and documented out-of-pocket attorneys' fees and expenses incurred by Administrative Agent in connection with the preparation of this Agreement and all other documents relating hereto and the consummation of this transaction, the filing or recording of any documents (including all taxes in connection therewith) in public offices, the payment or discharge of any taxes, counsel fees, maintenance fees, encumbrances, the protection, maintenance or preservation of the Patents, Trademarks and Copyrights, or the defense or prosecution of any actions or proceedings arising out of or related to the Patents, Trademarks and Copyrights, shall be borne and paid by the Pledgors within thirty (30) days of demand by Administrative Agent, and if not paid within such time, shall be added to the principal amount of the Secured Obligations and shall bear interest at the highest rate prescribed in the Credit Agreement.

11. Each Pledgor shall take all actions that are necessary, as determined in its reasonable business judgment, to prosecute diligently any applications of the Patents, Trademarks and Copyrights pending as of the date of this Agreement if commercially reasonable or thereafter

until the Secured Obligations shall have been indefeasibly paid in full (other than contingent indemnification obligations for which no claim has been asserted) and the Commitments shall have terminated, and the Letters of Credit and Lender Provided Interest Rate Hedge or any Other Lender Provided Financial Service Products have expired or been terminated, to make application on unpatented but patentable inventions (whenever it is commercially reasonable in the reasonable judgment of such Pledgor to do so) and to preserve and maintain all rights in patent applications and patents of the Patents, including the payment of all maintenance fees. Any expenses incurred in connection with such an application shall be borne by the Pledgors. No Pledgor shall abandon any Patent, Trademark or Copyright without the consent of the Administrative Agent, which shall not be unreasonably withheld unless such Patent, Trademark or Copyright, in the Pledgor's reasonable business judgment, is not material to the operation of its business.

12. Each Pledgor shall have the right to bring suit, action or other proceeding in its own name, and, with the consent of the Administrative Agent, which shall not be unreasonably withheld, to join the Administrative Agent, if necessary, as a party to such suit so long as the Administrative Agent is satisfied that such joinder will not subject it to any risk of liability, to enforce the Patents, Trademarks and Copyrights and any licenses thereunder. Each Pledgor shall promptly, upon demand, reimburse and indemnify the Administrative Agent for all damages, costs and reasonable and documented out-of-pocket expenses, including reasonable and documented out-of-pocket legal fees, incurred by the Administrative Agent as a result of such suit or joinder by such Pledgor.

13. No course of dealing between any Pledgor and the Administrative Agent, nor any failure to exercise nor any delay in exercising, on the part of the Administrative Agent, any right, remedy, power or privilege of the Administrative Agent hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege. No waiver of a single Event of Default shall be deemed a waiver of a subsequent Event of Default.

14. All of the Administrative Agent's rights and remedies with respect to the Patents, Trademarks and Copyrights, whether established hereby or by the Credit Agreement or by any other agreements or by Law, shall be cumulative and not exclusive of any rights or remedies which it may otherwise have under the other Loan Documents, under the Lender Provided Interest Rate Hedge or any Other Lender Provided Financial Service Products or by Law, and the Administrative Agent may enforce any one or more remedies hereunder successively or concurrently at its option.

15. Any provision of this Agreement which is prohibited or unenforceable in any jurisdiction shall not invalidate the remaining provisions hereof, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.

16. This Agreement supersedes all prior understandings and agreements, whether written or oral, between the parties hereto relating to a grant of a security interest in the Patents, Trademarks and Copyrights by any Pledgor. This Agreement is subject to waiver, modification, supplement or amendment only by a writing signed by the parties, except as provided in

Paragraph 6 and Paragraph 26 hereof with respect to additions and supplements to Schedule A hereto.

17. Each Pledgor hereby agrees to be bound by the provisions of Section 5.9 of the Credit Agreement and shall make all payments free and clear of Taxes as provided therein.

18. The benefits and burdens of this Agreement shall inure to the benefit of and be binding upon the respective successors and permitted assigns of the parties, provided, however, that no Pledgor may assign or transfer any of its rights or obligations hereunder or any interest herein, and any such purported assignment or transfer shall be null and void.

19. This Agreement shall be governed by, construed, and enforced in accordance with the internal laws of the state of New York, without regard to its conflict of laws principles, except to the extent the validity or perfection of the security interests or the remedies hereunder in respect of any Patents, Trademarks or Copyrights are governed by the law of a jurisdiction other than the state of New York.

20. The terms of Section 12.11 of the Credit Agreement with respect to consent to jurisdiction are incorporated herein by reference, mutatis mutandis, and the parties hereto agree to such terms.

21. This Agreement may be executed by different parties hereto on any number of separate counterparts, each of which, when so executed and delivered, shall be deemed an original, and all such counterparts shall together constitute one and the same instrument. Each Pledgor acknowledges and agrees that a telecopy or electronic transmission to the Administrative Agent or any Lender of the signature page hereof purporting to be signed on behalf of such Pledgor shall constitute effective and binding execution and delivery hereof by such Pledgor.

22. EACH PARTY HERETO HEREBY IRREVOCABLY WAIVES TRIAL BY JURY IN ANY ACTION, SUIT, PROCEEDING OR COUNTERCLAIM OF ANY KIND ARISING OUT OF OR RELATED TO THIS AGREEMENT, THE CREDIT AGREEMENT, ANY OTHER LOAN DOCUMENT OR THE PATENTS, TRADEMARKS AND COPYRIGHTS TO THE FULLEST EXTENT PERMITTED BY LAW.

23. All notices, statements, requests, demands, directions and other communications (collectively, "notices") given to or made upon any party hereto under the provisions of this Agreement shall be given to the applicable party hereto at the address set forth on a Schedule 1.1(B) to, or in a Guarantor Joinder given under, the Credit Agreement and in the manner provided in Section 12.5 of the Credit Agreement. The Administrative Agent and the Lenders may rely on any notice (whether or not made in the manner contemplated by this Agreement) purportedly made by or on behalf of any Pledgor, and the Administrative Agent and the Lenders shall have no duty to verify the identity or authority of the Person giving such notice.

24. Each Pledgor acknowledges and agrees that, in addition to the other rights of the Administrative Agent hereunder and under the other Loan Documents, because the Administrative Agent's remedies at law for failure of such Pledgor to comply with the provisions hereof relating to the Administrative Agent's rights (i) to inspect the books and records related to the Patents, Trademarks and Copyrights, (ii) to receive the various notifications such Pledgor is required to

deliver hereunder, (iii) to obtain copies of agreements and documents as provided herein with respect to the Patents, Trademarks and Copyrights, (iv) to enforce the provisions hereof pursuant to which such Pledgor has appointed the Administrative Agent its attorney-in-fact, and (v) to enforce the Administrative Agent's remedies hereunder, would be inadequate and that any such failure would not be adequately compensable in damages, such Pledgor agrees that each such provision hereof may be specifically enforced.

25. Each Pledgor hereby acknowledges, represents, and warrants that it receives synergistic benefits by virtue of its affiliation with the Borrower and/or the other Pledgors and that it will receive direct and indirect benefits from the financing arrangements contemplated by the Credit Agreement and that such benefits, together with the rights of contribution and subrogation that may arise in connection herewith are a reasonably equivalent exchange of value in return for providing this Agreement.

26. At any time after the initial execution and delivery of this Agreement to the Administrative Agent and the Lenders, additional Persons may become parties to this Agreement and thereby acquire the duties and rights of being Pledgors hereunder by executing and delivering to the Administrative Agent and the Lenders a Guarantor Joinder pursuant to the Credit Agreement and, in addition, a new Schedule A hereto shall be provided to the Administrative Agent with respect to such new Pledgor. No notice of the addition of any Pledgor shall be required to be given to any pre-existing Pledgor and each Pledgor hereby consents thereto.

27. For the avoidance of doubt, each Pledgor hereby authorizes the Administrative Agent to record this Agreement in the Applicable IP Office and to amend such filings with respect to any updates made to Schedule A in accordance with the terms hereof.

[SIGNATURES APPEAR ON FOLLOWING PAGES]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their respective officers or agents thereunto duly authorized, as of the date first above written.

PLEDGORS:

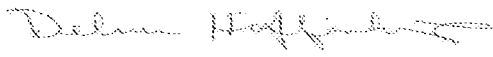
RICHARDSON ELECTRONICS, LTD.

By: Robert J. Ben
Name: Robert J. Ben
Title: CPO

RICHARDSON INTERNATIONAL, INC.

By: Robert J. Ben
Name: Robert J. Ben
Title: CEO

ADMINISTRATIVE AGENT:
PNC BANK, NATIONAL ASSOCIATION, as
Administrative Agent

By: 
Name: Debra Hoffenkamp
Title: Assistant Vice President

**SCHEDULE A
TO
PATENT, TRADEMARK AND COPYRIGHT SECURITY AGREEMENT**

LIST OF REGISTERED PATENTS, TRADEMARKS,
TRADE NAMES AND COPYRIGHTS

1. Registered Patents:

| <u>Loan Party</u> | <u>Title</u> | <u>Patent Number</u> | <u>Application Number</u> | <u>Publication Date</u> |
|------------------------------|---|----------------------|---------------------------|-------------------------|
| Richardson Electronics, LTD. | Insulator with conductive dissipative coating | 11257652 | 16786303 | 02-22-2022 |
| Richardson Electronics, LTD. | Ultracapacitor pitch energy module | 11193471 | 17180329 | 12-07-2021 |
| Richardson Electronics, LTD. | Ultracapacitor pitch energy module | 11073130 | 17338926 | 07-27-2021 |
| Richardson Electronics, LTD. | ULTRACAPACITOR PITCH ENERGY MODULE | None | 17541495 | 08-25-2022 |
| Richardson Electronics, LTD. | INSULATOR WITH CONDUCTIVE DISSIPATIVE COATING | None | 17574857 | 05-05-2022 |

2. Trademarks:

| Loan Party | Serial Number | Reg. Number | Word Mark |
|------------------------------|---------------|-------------|---|
| Richardson Electronics, LTD. | 97132598 | None | RICHARDSON ELECTRONICS POWER & MICROWAVE TECHNOLOGIES |
| Richardson Electronics, LTD. | 97132571 | None | RICHARDSON ELECTRONICS HEALTHCARE |

| | | | |
|------------------------------|----------|---------|--|
| Richardson Electronics, LTD. | 97132532 | None | RICHARDSON ELECTRONICS |
| Richardson Electronics, LTD. | 97132530 | None | 1 RICHARDSON ELECTRONICS |
| Richardson Electronics, LTD. | 97650103 | None | AMPEREX |
| Richardson Electronics, LTD. | 88860581 | 6828237 | ALTA750G |
| Richardson Electronics, LTD. | 88791682 | 6171395 | ULTRA3000 |
| Richardson Electronics, LTD. | 88054449 | 5713325 | CETRON |
| Richardson Electronics, LTD. | 88054446 | 5713323 | CETRON |
| Richardson Electronics, LTD. | 87750591 | 5723321 | ALTA750 |
| Richardson Electronics, LTD. | 85712985 | 4481963 | QA3 TRIPLE TESTED · TRIPLE WARRANTY · TRIPLE RELIABILITY |
| Richardson Electronics, LTD. | 78223725 | 2953302 | AT |
| Richardson Electronics, LTD. | 78304313 | 3121441 | TEK LINK |
| Richardson Electronics, LTD. | 77589730 | 3857456 | CANVYS VISUAL TECHNOLOGY SOLUTIONS |
| Richardson Electronics, LTD. | 77566636 | 3857438 | CANVYS |
| Richardson Electronics, LTD. | 72015619 | 0658739 | NATIONAL |

3. Trade Names:

- Canvys
- D&C Electronics
- International Medical Equipment and Services (IMES)

4. Copyrights:

| <u>Loan Party</u> | <u>Title</u> | <u>Copyright Number</u> | <u>Date</u> |
|------------------------------|---|-------------------------|-------------|
| Richardson Electronics, Ltd. | Amperex : YD1150AFL : Nov. 1991. | TX0003269586 | 1991 |
| Richardson Electronics, Ltd. | Amperex : YD1152FL : Nov. 1991. | TX0003269585 | 1991 |
| Richardson Electronics, Ltd. | Amperex : YD1160FL, YD1162FL : Nov. 1991. | TX0003269584 | 1991 |
| Richardson Electronics, Ltd. | Amperex : YD1174FL, YD1178FL : Nov. 1991. | TX0003269583 | 1991 |
| Richardson Electronics, Ltd. | AX10318-1 data sheet. | TX0003206365 | 1991 |
| Richardson Electronics, Ltd. | ULTRAA3000 Sales Sheet. | TX0009004473 | 2020 |