

TRADEMARK ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																											
NATURE OF CONVEYANCE:	SECURITY INTEREST																											
CONVEYING PARTY DATA																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Name</th> <th style="width: 30%;">Formerly</th> <th style="width: 20%;">Execution Date</th> <th style="width: 20%;">Entity Type</th> </tr> <tr> <td>ICRON TECHNOLOGIES CORPORATION</td> <td></td> <td>12/17/2013</td> <td>CORPORATION: CANADA</td> </tr> </table>	Name	Formerly	Execution Date	Entity Type	ICRON TECHNOLOGIES CORPORATION		12/17/2013	CORPORATION: CANADA																				
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RECEIVING PARTY DATA																												
Name:	ROYNAT CAPITAL INC.																											
Street Address:	3900, 700-2nd Street SW																											
City:	Calgary, Alberta																											
State/Country:	CANADA																											
Postal Code:	T2P 2W2																											
Entity Type:	CORPORATION: CANADA																											
PROPERTY NUMBERS Total: 8																												
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CORRESPONDENCE DATA																												
Fax Number:	2125046666																											
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																												
Phone:	212-504-6000																											
Email:	jennifer.chick@cwt.com																											

CH \$215.00 3570421

Correspondent Name: CADWALADER WICKERSHAM & TAFT LLP
Address Line 1: One World Financial Center
Address Line 4: New York, NEW YORK 10281

ATTORNEY DOCKET NUMBER: 99334.001

DOMESTIC REPRESENTATIVE

Name:
Address Line 1:
Address Line 2:
Address Line 3:
Address Line 4:

NAME OF SUBMITTER: Jennifer A. Chick

Signature: /Jennifer A. Chick/

Date: 01/10/2014

Total Attachments: 27

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ROYNAT CAPITAL INC.

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Security Agreement dated for reference December 12, 2013, made by ICRON TECHNOLOGIES CORPORATION (the "Corporation"), a corporation under the laws of Canada, having its chief executive office at 4664 Lougheed Hwy., Suite 221, Burnaby, British Columbia, V5C 5T5, to and in favour of ROYNAT CAPITAL INC. (the "Lender"), having an office at 3900, 700 -- 2nd Street SW, Calgary, Alberta, T2P 2W2 (facsimile: (780) 426-3456).

WHEREAS:

A. Pursuant to an offer of finance dated as of December 12, 2013 (as amended, restated, modified or replaced from time to time, the "Offer of Finance") issued by the Lender in favour of 8709696 Canada Ltd. (the "Borrower"), the Lender has agreed to make certain financing available to the Borrower;

B. It is a condition of the advance of the said financing by the Lender to the Borrower that the Corporation execute and deliver this Security Agreement to the Lender as collateral security for the payment and performance of the Obligations.

NOW THEREFORE WITNESSETH that, in consideration of these premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the Corporation, the Corporation covenants, declares and agrees as follows:

ARTICLE 1

INTERPRETATION

Section 1.1 **Terms Incorporated for Reference.** All capitalized terms used but not otherwise defined in this Security Agreement shall have the meanings attributed to them in the Offer of Finance. Terms defined in the *Personal Property Security Act* (British Columbia) (as amended from time to time, the "PPSA") and used but not otherwise defined in this Security Agreement shall have the same meaning herein.

Section 1.2 **Defined Terms.** In this Security Agreement, unless there is something in the subject matter or context inconsistent therewith, the following words and terms shall have the following meanings:

"Collateral" has the meaning set forth in section 2.1;

"Corporation" means Icron Technologies Corporation, its successors and assigns and includes any company which the Corporation may amalgamate to form;

"Encumbrance" means any mortgage, debenture, pledge, hypothec, lien, charge, encumbrance, assignment by way of security, hypothecation or security interest granted or permitted by a person or arising by operation of Law, in respect of any of that person's property, or any consignment or capital lease of property by that person as consignee or lessee or any other security agreement, trust or arrangement having the effect of security for the payment of any debt, liability, or obligation, and "Encumbrances," "Encumbrancer," "Encumber," and "Encumbered" have comparable meanings;

"Event of Default" has the meaning attributed to that term in the general security agreement dated on or about the date hereof granted by the Borrower in favour of the Lender;

"Governmental Authority" means

- (a) the government of Canada or any other nation, provincial, state, municipal, local, or other government or public department,
- (b) any central bank, court, tribunal, arbitral body, regulatory body (including any stock exchange), commission (including any securities commission), board, bureau, agency, authority, or other entity exercising executive, legislative, judicial, taxing, regulatory, or administrative powers or functions of, or pertaining to, any of the foregoing, and,
- (c) any subdivision of any of the foregoing.

"Intellectual Property" means the Collateral, other than any proceeds or payments;

"Law" means any law (including common law), statute, by-law, rule, regulation, order, ordinance, protocol, code, guideline, treaty, policy, notice, direction, decree, judgment, award, or requirement, in each case of any Governmental Authority, whether or not having the force of law

"Lender" means Roynat Capital Inc., its successors and assigns;

"Licenses" means any and all licenses, sub-licenses, leases, sub-leases, agreements to license or sub-license or lease or sub-lease, rights of use or control (whether as licensee or licensor or lessee or lessor and whether exclusive or nonexclusive) in respect of or in connection with the acquisition, ownership or use of Intellectual Property, together in each case with any amendments, supplements, modifications, extensions, renewals or replacements thereof, and "License" means any one of them;

"Lien" includes any mortgage, pledge, lien, hypothecation, security interest or other encumbrance or charge (whether fixed, floating or otherwise) or title retention, any right of set-off (arising otherwise than by operation of Law) and any deposit of moneys under any agreement or arrangement whereby such moneys may be withdrawn only upon fulfillment of any conditions as to the discharge of any other indebtedness or other obligation to any creditor, or any right of or arrangement of any kind with any creditor to have its claims satisfied prior to other creditors with or from the proceeds of any properties, assets or revenues of any kind now owned or hereafter acquired;

"Obligations" has the meaning set forth in Section 2.2(1);

"PPSA" has the meaning set forth in Section 1.1;

"Royalties" means all royalties, rents, issues, proceeds, profits or other fees (including, without limitation, license fees), charges, assessments or penalties payable to the Corporation or due or accruing due to the Corporation pursuant to any License; and

"Security Interest" has the meaning set forth in Section 2.2.(1).

ARTICLE 2

SECURITY

Section 2.1 Grant of Security. Subject to Section 2.4, the Corporation hereby (i) mortgages and charges to the Lender as and by way of a fixed mortgage and charge; (ii) pledges to the Lender; and (iii) grants to the Lender a security interest in, all of the Corporation's right, title and interest throughout the world in and to the following property, which is currently or in the future may be owned, created, acquired, or used (whether pursuant to

a License or otherwise) by the Corporation, in whole or in part (collectively, the "Collateral", and all references thereto herein include any part thereof):

- (a) trademarks and rights and interests which are capable of being protected as trademarks (including trademarks, service marks, certification marks, designs, logos, indicia, tradenames, corporate names, company names, business names, fictitious business names, trade styles, and other source or business identifiers, and applications pertaining thereto), Licenses in respect thereof and rights to register, renew and extend such trademarks and trademark rights and any and all copyrights in such trademarks;
- (b) patents, patent applications, industrial designs and industrial design applications, including all reissues, divisions and continuations in part, Licenses in respect thereof, foreign filing rights, and rights to register, renew and extend such rights;
- (c) the trademarks, trademark registrations and pending applications listed on Schedule A attached hereto, as the same may be updated hereafter from time to time, and all Licenses in respect thereof;
- (d) the patents, patent applications, industrial designs and industrial design applications listed on Schedule B attached hereto, as the same may be updated hereafter from time to time, and all Licenses in respect thereof;
- (e) the right to register trademark claims and to apply for, renew and extend trademark registrations and trademark rights, the right (without obligation) to sue or bring opposition or cancellation proceedings in the name of the Corporation or in the name of the Lender for past, present and future infringements or violations of trademarks, registrations, or other trademark rights and the associated goodwill;
- (f) all of the Corporation's right, title and interest in and to all patentable and unpatentable inventions and all industrial designs, and to file applications for patents and industrial designs and to request reexamination and/or reissue of the patents, the right (without obligation) to sue or bring interference proceedings in the name of the Corporation or in the name of the Lender for past, present and future infringements of the patents and industrial designs;
- (g) all copyrights, copyright applications, copyright registrations, know-how, trade secrets, technical processes, recipes and formulae and Licenses in respect thereof;
- (h) all general intangibles relating to the foregoing, including all associated goodwill; and
- (i) all proceeds of and rights associated with any and all of the foregoing (including, without limitation, claims by the Corporation against third parties for past, present or future infringement of the Intellectual Property, including those items listed in the Schedules to this Agreement, or for injury to the goodwill associated with the use of any of the trademarks or for breach or enforcement of any License, Royalties and proceeds of infringement suits) and, to the extent not otherwise included, all payments under insurance, or any indemnity, warranty, or guarantee, payable by reason of loss or damage to or otherwise with respect to the Collateral.

Section 2.2 Obligations Secured. (1) The mortgages, charges, pledges and security interests granted hereby (collectively, the "Security Interest") shall be continuing collateral security for the due payment and performance of all debts, liabilities and obligations, present or future, direct or indirect, absolute or contingent, matured or unmatured, joint or several or joint and several, at any time due or accruing due of the Corporation to the Lender, whether incurred as principal or surety (collectively, and together with the expenses, costs and charges set out in Section 2.2(2), the "Obligations").

(2) All reasonable expenses, costs and charges incurred by or on behalf of the Lender in connection with the preparation and issuance of this Security Agreement, the perfection, preservation and protection of the Security Interest and the enforcement of the Lender's rights and remedies hereunder, including the realization of the Collateral, and including all legal fees (on a solicitor and solicitor's own client basis) and disbursements, court costs, receiver's or agent's remuneration and other expenses of taking possession of, repairing, protecting, insuring, preparing for disposition, realizing, collecting, selling, licensing, transferring, delivering or obtaining payment of the Collateral, shall be added to and form a part of the Obligations.

Section 2.3 Attachment. (1) The Corporation and the Lender hereby acknowledge that (i) value has been given; (ii) the Corporation has rights in the Collateral (other than after-acquired Collateral); and (iii) they have not agreed to postpone the time of attachment of the Security Interest.

(2) The Corporation agrees to promptly inform the Lender in writing of the acquisition by the Corporation of any rights in or to any registrable or unregistrable intellectual property which is not adequately described herein or of the entitlement to the benefit of any application or registration therefore, and the Corporation agrees to execute and deliver at its own expense from time to time amendments to this Security Agreement or the schedules hereto or additional security agreements or schedules as may be required by the Lender in order that the Security Interest shall attach to such intellectual property.

Section 2.4 Scope of Security Interest. (1) Nothing in Section 2.1 shall be construed as a pledge by the Corporation (which term shall include a sub-license, mortgage, pledge or charge) of any Intellectual Property licensed to the Corporation as licensee or any License which, as a matter of Law or by its terms, may not be pledged without the consent or authorization of the licensor unless such consent or authorization has been obtained. To the extent that the creation of the Security Interest would constitute a breach or permit the acceleration of any License to which the Corporation is a party, the Security Interest shall not attach to the Intellectual Property licensed thereby or the License but the Corporation shall hold its interest therein in trust for the Lender, and, in the case of any such potential breach or acceleration of any License, shall use its best efforts to obtain the consent of the other party thereto. Upon the Corporation obtaining the consent of such other party, the Security Interest shall be deemed to have automatically attached to such Intellectual Property and License.

(2) Until the Security Interest shall have become enforceable, the grant of the Security Interest in the Intellectual Property shall not affect in any way the Corporation's rights to commercially exploit the Intellectual Property, to defend the Intellectual Property, to enforce the Corporation's rights therein or with respect thereto against third parties in any court or to claim and be entitled to receive any damages with respect to any infringement or violation thereof.

(3) The Security Interest shall not extend or apply to the last day of any term of years reserved by a License, but the Corporation shall stand possessed of any such reversion in trust to assign and dispose thereof as the Lender may direct.

(4) The Lender will not be deemed in any manner to have assumed any obligation of the Corporation under any License nor shall the Lender be liable to any Governmental Authority or license counterparties by reason of any default by any person under any contract. The Corporation agrees to indemnify and hold the Lender harmless of and from all liability, loss, damage or expense which it may or might incur by reason of any claim or demand against it based on its alleged assumption of the Corporation's duty and obligation to perform and discharge the terms, covenants and agreements in any License.

(5) It is expressly acknowledged by the Corporation that, notwithstanding any right or authority granted to the Corporation herein or in any other agreement or instrument to deal with the Collateral, it is the intention of the Corporation and the Lender that (i) the Security Interest shall operate and be construed as a fixed and specific charge of all Collateral in respect of which the Corporation presently has rights, and as a fixed and specific charge of all after-acquired Collateral which shall attach forthwith upon the Corporation acquiring rights therein, and (ii) the Security Interest shall neither operate nor be construed as a floating charge.

Section 2.5 The Lender's Care and Custody of Collateral. (1) The Lender shall not be bound to dispose of, realize, protect or enforce any of the Corporation's right, title and interest in and to the Collateral or to institute proceedings for the purpose thereof.

(2) The Lender shall have no obligation to keep Collateral in its possession identifiable.

(3) The Lender may, after the Security Interest shall have become enforceable, (i) notify any person obligated on a License to make payment thereunder to the Lender whether or not the Corporation was theretofore making collections thereon, and (ii) assume control of any proceeds arising from the Collateral.

Section 2.6 The Corporation's Dealings with Collateral. Except as permitted by the Offer of Finance, the Corporation shall not, without the prior written consent of the Lender, sell, exchange, license, release or abandon or otherwise dispose of the Collateral or create, assume or permit to remain outstanding any Lien in, on or of the Collateral. Notwithstanding the foregoing, the Corporation may license the Collateral in the normal course of its business.

Section 2.7 Right of Set-Off. The Obligations secured by this Security Agreement shall be paid, when due, by the Corporation to the Lender without regard to any equities existing among the Corporation and the Lender and without regard to any right of set-off or cross-claim or of any claim or demand of the Corporation against the Lender or otherwise.

Section 2.8 Protective Disbursements. If the Corporation fails to perform any covenant on its part contained in this Security Agreement then the Lender may, in its absolute discretion, perform any such covenant capable of being performed by it and, if any such covenant requires the payment or expenditure of money, the Lender may make such payment but shall be under no obligation to do so, and all sums so paid or expended by the Lender shall be immediately payable by the Corporation, shall bear interest at the highest rate set forth in the Offer of Finance until paid and shall be secured hereby, having the benefit of the Lien hereby created in priority to the indebtedness evidenced by this Security Agreement. No such performance or payment shall relieve the Corporation from any default under this Security Agreement or any consequences of such default.

ARTICLE 3

REPRESENTATIONS, WARRANTIES AND COVENANTS

The Corporation hereby represents, warrants, and covenants that:

Section 3.1 Intellectual Property Listing. (1) A true and complete schedule setting forth all trademark registrations, pending applications and unregistered trademarks owned or controlled by the Corporation or licensed to the Corporation, together with a summary description and full information in respect of the filing or issuance thereof and expiration dates is set forth on Schedule A attached hereto.

(2) A true and complete schedule setting forth all patents, patent applications, industrial designs and industrial design applications owned or controlled by the Corporation or licensed to the Corporation, together with a summary description and full information in respect of the filing or issuance thereof and expiration dates is set forth on Schedule B attached hereto.

(3) A true and complete schedule setting forth all copyright applications and registrations owned or controlled by the Corporation or licensed to the Corporation, together with a summary description and full information in respect of the filing or issuance thereof is set forth on Schedule C attached hereto.

Section 3.2 Validity; Enforceability. The Intellectual Property is valid and enforceable and the Corporation is not currently aware of any past, present, or prospective claim by any third party that any of the Intellectual Property is invalid or unenforceable or that the use of the Intellectual Property violates the rights of any third person, or of any basis for any such claims, except as otherwise disclosed in Schedule D attached hereto.

Section 3.3 Title. The Corporation is the sole and exclusive owner of the entire and unencumbered right, title, and interest in and to the Intellectual Property identified in Schedules A, B and C and in and to all other Intellectual Property except that, if any, which is licensed from third parties, free and clear of any Liens, including licenses, shop rights and covenants by the Corporation not to sue third persons.

Section 3.4 Notice. The Corporation has used and will continue to use proper statutory notice in connection with its use of each of the Intellectual Property.

Section 3.5 Quality. The Corporation has used and will continue to use consistent standards of high quality (which may be consistent with the Corporation's past practices) in the manufacture, sale and delivery of products and services sold or delivered under or in connection with all the trademarks comprised within the Intellectual Property, including, to the extent applicable, in the operation and maintenance of its merchandising operations, and will continue to maintain the validity of the Intellectual Property.

Section 3.6 Perfection of Security Interest. Except for the filing of a financing statement with provincial or state personal property registries, and filings with the Canadian Intellectual Property Office and the United States Patent and Trademark Office and the United States Copyright Office, or the corresponding offices in any other country which may be necessary to perfect the Security Interest, no authorization, approval, or other action by, and no notice to or filing with, any governmental authority or regulatory body is required either for the grant by the Corporation of the Security Interest or for the execution, delivery or performance of this Security Agreement by the Corporation or for the perfection of or the exercise by the Lender of its rights hereunder to the Collateral in Canada or the United States.

Section 3.7 Litigation and Proceedings. The Corporation shall commence and diligently prosecute in its own name, as the real party in interest, for its own benefit and its own expense, such suits, administrative proceedings, or other actions for infringement or other causes of action as are in its reasonable business judgment necessary to protect the Collateral. The Corporation shall diligently defend all suits, administrative proceedings or other actions brought by third parties in respect of the Intellectual Property or use thereof. The Corporation shall provide to the Lender any information with respect thereto requested by the Lender. The Lender may, but shall not be required to, provide at the Corporation's expense all necessary cooperation in connection with any such suits, proceedings or actions including, without limitation, joining as a necessary party. Following the Corporation becoming aware thereof, the Corporation shall promptly notify the Lender of the institution of or any adverse determination in any proceeding in any patent, trademark or copyright office or other regulatory authority, or any Canadian, United States, state, provincial or foreign court regarding the Corporation's claim of ownership in any of the Intellectual Property, its right to apply for the same or its right to keep and maintain such rights.

Section 3.8 Right to Inspect. The Corporation grants to the Lender and its employees and agents the right to visit the Corporation's plants and facilities in which products are manufactured, inspected, stored or processed and in which services are offered or performed in association with any of the Intellectual Property and to inspect the products and quality control records relating thereto at reasonable times during regular business hours.

ARTICLE 4

ENFORCEMENT

Section 4.1 Default. The Corporation shall be in default under this Security Agreement upon the occurrence of any of the following events ("Events of Default"):

- (a) **Performance of Obligations.** The Corporation defaults in the payment or performance of any of the Obligations;

- (b) **Breach of Agreement.** The Corporation breaches any term, provision, warranty, representation or covenant under this Security Agreement or any other agreement between the Corporation and the Lender, all as in effect or as hereafter entered into or amended;
- (c) **Guarantor or Indemnitor Default.** Any person who from time to time guarantees, assumes or otherwise becomes liable for the Obligations or who covenants and agrees to indemnify the Lender for any loss, costs or damages as a result of the Corporation's failure to perform the Obligations (the "Guarantor/Indemnitor"), commits a breach of, or fails to observe or perform, any covenant, representation or warranty in favour of the Lender;
- (d) **Cease to Carry on Business.** The Corporation or Guarantor/Indemnitor ceases or threatens to cease to carry on business;
- (e) **Bankruptcy, Insolvency.** The dissolution, termination of existence, insolvency, bankruptcy or business failure of the Corporation or Guarantor/Indemnitor, or upon the appointment of a receiver, receiver-manager or receiver and manager of any part of the property of the Corporation or Guarantor/Indemnitor, or the commencement by or against the Corporation or Guarantor/Indemnitor of any proceeding under any bankruptcy, arrangement, reorganization, dissolution, liquidation, insolvency or similar law for the relief of or otherwise affecting creditors of the Corporation or Guarantor/Indemnitor, or by or against any guarantor or surety for the Corporation or Guarantor/Indemnitor, or upon the issue of any writ of execution, warrant, attachment, sequestration, levy, third party demand, notice of intention to enforce security or garnishment or similar process against the Corporation, Guarantor/Indemnitor or any part of the Collateral;
- (f) **Commit Act of Bankruptcy.** The Corporation or Guarantor/Indemnitor commits or threatens to commit an act of bankruptcy;
- (g) **Dissolution, Winding Up.** The institution by or against the Corporation or Guarantor/Indemnitor of any formal or informal proceeding for the dissolution or liquidation of, settlement of claims against or winding up of affairs of the Corporation or Guarantor/Indemnitor;
- (h) **Sale in Bulk.** The Corporation or Guarantor/Indemnitor makes or proposes to make any sale of its assets in bulk;
- (i) **Charge Against Collateral.** If any right of distress is levied or is threatened to be levied against the Collateral or if any Encumbrance affecting the Collateral becomes enforceable against the Collateral or any part thereof;
- (j) **Destruction of Collateral.** Any material portion of the Collateral is damaged or destroyed;
- (k) **Other Default.** The Corporation or any Guarantor/Indemnitor defaults under any agreement with respect to any indebtedness or other obligation to any person other than the Lender, if such default has resulted in, or may result, with notice or lapse of time or both, in, the acceleration of any such indebtedness or obligation or the right of such person to realize upon any Collateral; and
- (l) **Performance Impaired.** The Lender in good faith believes the prospect of payment or performance of the Obligations hereunder is or is about to be impaired or that any Collateral is or is about to be placed in jeopardy.

Section 4.2 Remedies. Whenever the Security Interest has become enforceable, the Lender may realize upon the Collateral and enforce the rights of the Lender by:

- (a) sale, assignment, license, sub-license, granting options or options to purchase or any other disposal of the Collateral including all associated goodwill;
- (b) collection of any proceeds arising in respect of the Collateral;
- (c) collection, realization or sale of or other dealing with Royalties;
- (d) the exercise of any contractual, legal or other rights or interests of the Corporation under or in respect of the Collateral;
- (e) the payment of any Lien that may exist or be threatened against the Collateral, in which event such amount and any costs, charges and expenses incurred in connection therewith shall be added to the Obligations;
- (f) the appointment by instrument in writing of a receiver (which term as used in this Security Agreement includes a receiver and manager) or agent of the Collateral and the removal or replacement of such receiver or agent from time to time;
- (g) the institution of proceedings in any court of competent jurisdiction for the appointment of a receiver of the Collateral;
- (h) the institution of proceedings in any court of competent jurisdiction for sale or foreclosure of the Collateral;
- (i) filing proofs of claim and other documents to establish claims in any proceeding relating to the Corporation;
- (j) the set-off and application against the Obligations, to the fullest extent permitted by Law, of any monies to be paid by the Lender to the Corporation under the Offer of Finance or any other agreement between the Lender and the Corporation; and
- (k) any other remedy or proceeding authorized or permitted by applicable Law.

In addition, upon the occurrence of any default or Event of Default, the Corporation shall grant to the Lender a royalty-free exclusive license to use the Intellectual Property and associated goodwill to the extent necessary to enable the Lender to use, possess and realize upon the Intellectual Property and to enable any successor or assign to enjoy the benefits of all the Intellectual Property.

Such remedies may be exercised from time to time separately or in combination and are in addition to and not in substitution for any other rights of the Lender however created. The Lender may proceed by way of any action, suit or other proceeding available at law and no right, remedy or power of the Lender shall be exclusive of or dependent on any other. The Lender may exercise any of its rights, remedies or powers separately or in combination and at any time. The Lender shall not be bound to exercise any such rights or remedies, and the exercise of such rights and remedies shall be without prejudice to the rights of the Lender in respect of the Obligations including the right to claim for any deficiency.

Section 4.3 Additional Rights. In addition to the remedies of the Lender set forth in Section 4.2, the Lender may, whenever the Security Interest has become enforceable, demand, commence, continue or defend any judicial or administrative proceedings for the purpose of protecting, seizing, collecting, realizing or obtaining possession or payment of the Collateral, and give valid and effectual receipts and discharges therefor and compromise or give time for the payment or performance of all or any part of the accounts or any contract or any other obligation of any third party to the Corporation relating to the Collateral.

Section 4.4 Concerning the Receiver. (1) Any receiver appointed by the Lender shall be vested with the rights and remedies which could have been exercised by the Lender in respect of the Corporation or the Collateral and such other powers and discretions as are granted in the instrument of appointment and any instrument or instruments supplemental thereto. The identity of the receiver, any replacement thereof and any remuneration thereof shall be within the unfettered discretion of the Lender.

(2) Any receiver appointed by the Lender shall act as agent for the Lender for the purposes of taking possession of the Collateral, but otherwise and for all other purposes (except as provided below) as agent for the Corporation. The receiver may sell, assign, license, sublicense, grant options or options to purchase or otherwise dispose of Collateral, including all associated goodwill, as agent for the Corporation or as agent for the Lender (but in all cases shall take direction from the Lender) as the Lender may determine in its sole and unfettered discretion. The Corporation agrees to ratify and confirm all actions of the receiver acting as agent for the Corporation, and to release and indemnify the receiver in respect of all such actions.

(3) The Lender, in appointing or refraining from appointing any receiver, shall not incur liability to the receiver, the Corporation or otherwise and shall not be responsible for any misconduct or negligence of such receiver.

Section 4.5 Appointment of Attorney. The Corporation hereby irrevocably appoints the Lender (and any officer thereof) as attorney of the Corporation (with full power of substitution) to exercise, whenever the Security Interest has become enforceable, in the name of and on behalf of the Corporation any of the Corporation's right (including the right of disposal), title and interest in and to the Collateral including the execution, endorsement and delivery of any agreements, documents, instruments and any notices, receipts, assignments or verifications of or in respect of Royalties. All acts of any such attorney are hereby ratified and approved, and such attorney shall not be liable for any act, failure to act or any other matter or thing in connection therewith, except for its own negligence or wilful misconduct.

Section 4.6 Dealing with the Collateral and the Security Interest. (1) The Lender shall not be obliged to exhaust its recourses against the Corporation or any other person or persons or against any other security it may hold in respect of the Obligations before realizing upon or otherwise dealing with the Collateral in such manner as the Lender may consider desirable.

(2) The Lender may grant extensions or other indulgences, take and give up securities, accept compositions, grant releases and discharges and otherwise deal with the Corporation and with other persons, sureties or securities as the Lender may see fit, all without prejudice to the Obligations or the rights of the Lender in respect of the Collateral.

(3) The Lender shall not be (i) bound under any circumstances to realize upon the Collateral; (ii) liable or accountable for any failure to collect, realize or obtain payment in respect of the Collateral; (iii) bound to institute proceedings for the purpose of collecting, enforcing, realizing or obtaining payment of the Collateral or for the purpose of preserving any rights of the Lender and the Corporation or any other persons in respect thereof; (iv) responsible for any loss occasioned by any sale or other dealing with the Collateral or by the retention of or failure to sell or otherwise deal therewith; or (v) bound to protect the Collateral from depreciating in value or becoming worthless.

(4) All moneys from time to time received by the Lender or the receiver may be applied as follows: first, in discharge of all operating expenses and other ongoings affecting the Collateral; second, in keeping in good standing all Liens on the Collateral having priority over the Security Interest; third, in payment of the remuneration and disbursements of the receiver (if any); fourth, in payment to the Lender of moneys payable hereunder and under the Offer of Finance or any other agreements between the Lender and the Corporation entered into pursuant thereto; and the balance, if any, shall be paid to the Corporation or as a court of competent jurisdiction may direct. If there shall be a deficiency, the Corporation shall remain liable for such deficiency and shall pay the amount of such deficiency to the Lender forthwith.

Section 4.7 Standards of Sale. Without prejudice to the ability of the Lender to dispose of the Collateral in any manner which is commercially reasonable, the Corporation acknowledges that a disposition of Collateral by the Lender which takes place substantially in accordance with the following provisions shall be deemed to be commercially reasonable:

- (a) Collateral may be disposed of in whole or in part;
- (b) Collateral may be disposed of by public action, public tender or private contract, with or without advertising and without any other formality;
- (c) any purchaser or licensee of such Collateral may be a customer or related party of the Lender;
- (d) a disposition of Collateral may be on such terms and conditions as to credit, deferred payment or otherwise as the Lender, in its discretion, may deem advantageous;
- (e) the Lender may establish an upset or reserve bid or price in respect of the Collateral; and
- (f) the Lender may buy in, rescind or vary any contract for the disposition of Collateral and may dispose of any Collateral again without being obligated to account or answer for any gain or loss occasioned thereby.

Section 4.8 Dealings by Third Parties. No person dealing with the Lender or its agent or a receiver shall be required (i) to determine whether the Security Interest has become enforceable; (ii) to determine whether the powers which the Lender or such agent or receiver on behalf of the Lender is purporting to exercise have become exercisable; (iii) to determine whether any money remains due to the Lender by the Corporation; (iv) to determine the necessity or expediency of the stipulations and conditions subject to which any sale or license shall be made; (v) to determine the propriety or regularity of any sale or of any other dealing by the Lender with the Collateral; or (vi) to see to the application of any money paid to the Lender.

Section 4.9 Statutory Waiver. To the fullest extent permitted by Law, the Corporation waives all of the rights, benefits and protection provided to it by any statute which imposes limitations upon the rights, remedies or powers of a secured party.

ARTICLE 5

GENERAL

Section 5.1 Discharge. The Security Interest shall be released and discharged upon, but only upon, full payment of the Obligations and at the request and expense of the Corporation.

Section 5.2 No Merger, etc. No judgment recovered by the Lender shall operate by way of merger of or in any way affect the Security Interest, which is in addition to and not in substitution for any other security now or hereafter held by the Lender in respect of the Obligations.

Section 5.3 Waivers, etc. No amendment, consent or waiver by the Lender shall be effective unless made in writing and signed by an authorized officer of the Lender and then such amendment, waiver or consent shall be effective only in the specific instance and for the specific purpose for which given.

Section 5.4 Further Assurances. The Corporation shall from time to time, whether before or after the Security Interest shall have become enforceable, do all such acts and things and execute and deliver all such deeds, transfers, assignments and instruments as the Lender may reasonably require for protecting the Collateral or perfecting the Security Interest and for exercising all rights, remedies, powers, authorities and discretions hereby conferred upon the Lender, and the Corporation shall, from time to time after the Security Interest has become enforceable, do all such acts and things and execute and deliver all such deeds, transfers, assignments and

instruments as the Lender may require for facilitating the sale of or other dealing with the Collateral in connection with any realization thereof.

Section 5.5 Notice. All notices, requests, demands, directions and communications (in this Section 5.5, "notices") hereunder shall be sent by telex, facsimile or similar means of recorded communication or hand delivery and shall be effective when hand delivered or, in the case of successful telex, facsimile or similar means of recorded communication, when received. All notices shall be given to the respective addresses on page 1 of this Security Agreement or, in either case, in accordance with any unrevoked written direction as to a change of address given in accordance with this Section 5.5.

Section 5.6 Successors and Assigns. This Security Agreement shall be binding upon the Corporation, its successors and permitted assigns, and shall enure to the benefit of the Lender and its successors and assigns. The Corporation may not assign or novate any of its rights or obligations under this Security Agreement without the prior written consent of the Lender. All rights of the Lender hereunder shall be assignable in accordance with the terms of the Offer of Finance.

Section 5.7 Headings, etc. The division of this Security Agreement into sections and subsections and the insertion of headings are for convenience of reference only and shall not affect the construction or interpretation hereof.

Section 5.8 Severability. If and to the extent that any provision hereof shall conflict with any mandatory provision of the PPSA (including, without limitation, an exclusion or purported exclusion of a duty or onus imposed by the PPSA or a limitation or purported limitation of the liability of or the amount of damages recoverable from a person who has failed to discharge a duty or obligation imposed by the PPSA), such provision of the PPSA shall govern. The provisions of this Security Agreement are intended to be severable. If any provision of this Security Agreement shall be held to be invalid or unenforceable in whole or in part in any jurisdiction, such provision shall, as to such jurisdiction, be ineffective to the extent of such invalidity or unenforceability without in any manner affecting the validity or enforceability thereof in any other jurisdiction or the remaining provisions hereof in any jurisdiction.

Section 5.9 Governing Law. This Security Agreement shall be governed by and construed in accordance with the laws of the Province of British Columbia and of Canada applicable therein and shall be treated in all respects as a British Columbia contract.

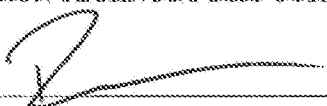
Section 5.10 Incorporation of Schedules. Schedules A, B and C shall, for all purposes hereof, form an integral part of this Security Agreement.

Section 5.11 Conflict. In the event of a conflict or inconsistency between the provisions of this Security Agreement and the provisions of the Offer of Finance, the provisions of the Offer of Finance shall prevail.

Section 5.12 Acknowledgement of Receipt/Waiver. The Corporation acknowledges receipt of an executed copy of this Security Agreement. The Corporation waives, to the extent permitted by Law, the right to receive a copy of any financing statement, financing change statement or verification statement registered with or issued by any personal property registry or other Governmental Authority in connection with this Security Agreement.

IN WITNESS WHEREOF the Corporation has duly executed this Security Agreement as of the day and year set out below.

ICRON TECHNOLOGIES CORPORATION

By: 
Name: _____
Title: _____
Execution Date: December 17, 2013

PROVINCE OF
STATE OF B.C.

City of Vancouver ss.
COUNTY OF Vancouver

On this 19 day of March, 2017, before me personally came Alana Wapner, to me known to be the person who executed the foregoing instrument, and who, being duly sworn by me, did depose and say that s/he is the President of ICOM TECHNIQUES CORPORATION, a British Columbia corporation, and that s/he executed the foregoing instrument in the firm name of ICOM TECHNIQUES CORPORATION and that s/he had authority to sign the same, and s/he acknowledged to me that he executed the same as the act and deed of said firm for the uses and purposes therein mentioned.

MAHDEEP R. CHALIWAL
Barrister & Solicitor
1800 - 925 WEST GEORGIA ST.
VANCOUVER, B.C. V6C 3L2
(604) 685-3456


[NOTARY SEAL]

SCHEDULE A

TRADEMARKS, TRADEMARK REGISTRATIONS AND PENDING APPLICATIONS

See attached

Trade Mark Status Report

Owner	Country	Ref. No.	Filed	Appl. No.	Issue Date	Reg. No.	Renewal Due	Status	Abandon Date
<u>BEYOND THE DESKTOP</u>									
Iron Technologies Corporation	Canada	1038-41	Apr 5, 2007	1342415	Apr 29, 2010	TMA765358	Apr 29, 2025	Issued	
Iron Technologies Corporation	United States	1038-42	Apr 5, 2007	77149753	Feb 3, 2009	3570621	Feb 3, 2019	Issued	
<u>EXTEND USB</u>									
Iron Technologies Corporation	Canada	1038-31	Jul 8, 2004	1222922	Sep 13, 2005	TMA647959	Sep 13, 2020	Issued	
<u>EXTENDUSB</u>									
Iron Technologies Corporation	United States	1038-35	Jan 6, 2005	78542921	Mar 25, 2008	3432982	Mar 25, 2018	Issued	
<u>EXTREME USB</u>									
Iron Technologies Corporation	Canada	1038-16	Mar 3, 2000	1649279	Sep 3, 2002	TMA556782	Sep 3, 2017	Issued	
Iron Technologies Corporation	EP Community TM	1038-19	Sep 1, 2000	1836188	Nov 12, 2001	1836188	Sep 1, 2020	Issued	
Iron Technologies Corporation	United States	1038-10	Jan 26, 2000	76076734	Mar 4, 2003	2691947	Mar 4, 2023	Issued	
<u>EXTREMELINK</u>									
Iron Technologies Corp.	Canada	1038-54	Oct 29, 2008	1416286	Apr 14, 2011	TMA795285	Apr 14, 2026	Issued	
Iron Technologies Corporation	United States	1038-58	Oct 29, 2008	77603060	Jan 25, 2011	3911558	Jan 25, 2021	Issued	
<u>ICRON</u>									
Iron Technologies Corporation	Canada	1038-13	Mar 3, 2000	1649289	Dec 4, 2002	TMA 571727	Dec 4, 2017	Issued	
Iron Technologies Corporation	United States	1038-12	Jun 26, 2000	76076738	Dec 20, 2003	2799601	Dec 30, 2013	Issued	

Trade Mark Status Report

Owner	Country	Ref. No.	Filed	Appln. No.	Issue Date	Reg. No.	Renewal Due	Status	Abandon Date
<u>RANGERVUE</u> Iron Technologies Corporation	Canada	1038-25	Dec 18, 2003	1261334	May 2, 2005	TMA638604	May 2, 2020	Issued	
<u>USB RANGER</u> Iron Technologies Corporation	Canada	1038-14	Mar 3, 2000	1049278	Dec 10, 2002	TMA571020	Dec 10, 2017	Issued	
<u>IRON TECHNOLOGIES CORPORATION</u>	United States	1038-11	Sep 1, 2000	76122036	Oct 14, 2003	2773917	Oct 14, 2023	Issued	
<u>USB ROVER</u> Iron Technologies Corporation	Canada	1038-25	Dec 17, 2003	1201804	May 3, 2005	TMA638670	May 3, 2020	Issued	
<u>IRON TECHNOLOGIES CORPORATION</u>	United States	1038-27	Jul 7, 2004	76446715	Jun 24, 2006	3048235	Jun 24, 2016	Issued	
<u>WIRANGER</u> Iron Technologies Corp.	Canada	1038-43	Jun 13, 2007	1351536	Jul 5, 2010	TMA771153	Jul 5, 2025	Issued	
<u>IRON TECHNOLOGIES CORPORATION</u>	United States	1038-44	Jun 13, 2007	77207379	Aug 12, 2008	3483283	Aug 12, 2018	Issued	

SCHEDULE B

**PATENTS, PATENT APPLICATIONS, INDUSTRIAL DESIGNS AND INDUSTRIAL DESIGN
APPLICATIONS**

See attached

Patent Assets

Icron Technologies Corporation

Ref. No.	Country	Appln No.	Filed	Owner	Patent Date	Patent No.	Status	Expires
<hr/>								
ICR 001				KEJSER, K.				
Method And Apparatus For Extending The Range Of The Universal Serial Bus Protocol								
This invention relates to methods and apparatus for transmitting signals between devices using Universal Serial Bus ports, and, in particular, to a method for allowing communications between devices using such ports over an extended range.								
1038-01	Canada	2262334	Feb 19, 1999	Icron Technologies Corporation	May 9, 2006	2262334	Issued	Feb 19, 2019
<hr/>								
ICR 002				KEJSER, K.				
Method and Apparatus For Extending The Range Of The Universal Serial Bus Protocol As It Applies To Asynchronous Transfers								
This invention relates to methods and apparatus for transmitting signals between devices using Universal Serial Bus ports, and, in particular, to a method for allowing communications between devices using such ports over an extended range.								
1038-02	Canada	2269961	Apr 26, 1999	Icron Technologies Corporation	Nov 14, 2006	2269961	Issued	Apr 26, 2019
<hr/>								
ICR 003				KEJSER, K.				
Method And Apparatus For Extending The Range Of The Universal Serial Bus Protocol								
The present invention provides a method and apparatus to be used to extend the range of a standard USB device. An extended range hub is provided which comprises a Local Expander (LEX) and a Remote Expander (REX) which can be separated by up to, for example, 100 metres. The method and apparatus permits USB devices to be more conveniently located and used.								
1038-03	PCT	PCT/CA00/001 57	Feb 17, 2000	Icron Systems Inc.			Converted	Aug 19, 2001
1038-04	Australia	26542/00	Feb 17, 2000	Icron Systems Inc.			Abandoned	
1038-05	Brazil	PI 0008344-5	Feb 17, 2000	Icron Systems Inc.			Abandoned	
1038-06	Europe	00904766.3	Feb 17, 2000	Icron Systems Inc.	May 2, 2003	1155370	Converted	Feb 17, 2020
1038-06/DE	Germany - EP	00904766.3	Feb 17, 2000	Icron Systems Inc.	May 2, 2003	EP1155370 /D	Issued	Feb 17, 2020
1038-06/FR	France - EP	00904766.3	Feb 17, 2000	Icron Systems Inc.	May 2, 2003	1155370	Issued	Feb 17, 2020
1038-06/GB	United Kingdom - EP	00904766.3	Feb 17, 2000	Icron Systems Inc.	May 2, 2003	1155370	Issued	Feb 17, 2020
1038-07	Japan	2000-600183	Feb 17, 2000	Icron Systems Inc.	Aug 6, 2010	4564665	Issued	Feb 17, 2020
1038-08	United States	09/506802	Feb 16, 2000	Icron Technologies Corporation	Apr 30, 2002	6381666	Issued	Feb 16, 2020

Patent Assets

Icron Technologies Corporation

Ref. No.	Country	Appln No.	Filed	Owner	Patent Date	Patent No.	Status	Expires
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ICR 004

MCLEOD, John Alexander

Method and Apparatus for Extending the Range of the Universal Serial Bus Protocol

The present invention provides a method and apparatus to be used to extend the range of standard USB devices, and in particular, USB devices operating in accordance with Revision 2.0 of the USB Specification. ...

1038-09	Canada	2345596	Apr 27, 2001	Icron Technologies Corporation	Dec 4, 2007	2345596	Issued	Apr 27, 2021
1038-21	PCT	PCT/CA02/00634	Apr 24, 2002	Icron Technologies Corp.			Converted	Oct 27, 2003
1038-23	United Kingdom	0324938.0	Apr 24, 2002	Icron Technologies Corp.	Oct 12, 2005	2391096	Issued	Apr 24, 2022
1038-24	United States	10/475092	Apr 24, 2002	Icron Technologies Corporation	Dec 12, 2006	7149833	Issued	Apr 24, 2022

ICR 005

MCLEOD, John Alexander

Method and Apparatus for Extending the Range of the Universal Serial Bus Protocol

A method and apparatus for extending the range of the Universal Serial Bus Protocol is provided wherein an expanded range host controller is used in combination with a remote extender located adjacent to a peripheral device.

1038-22	United States	60/492758	Aug 6, 2003	MCLEOD, John Alexander			Converted	
1038-34	United States	10/911586	Aug 5, 2004	Icron Technologies Corporation	Feb 17, 2009	7493431	Issued	Aug 5, 2024

ICR 006

MCLEOD, John Alexander

METHOD AND APPARATUS FOR IMPROVING THE PERFORMANCE OF USB MASS STORAGE DEVICES IN THE PRESENCE OF LONG TRANSMISSION DELAYS

A method and apparatus for extending the range of Universal Serial Bus mass storage devices is provided wherein a local extender located adjacent to a host computer is used in combination with a remote extender located adjacent to a peripheral device. The local extender and remote extender units jointly implement a protocol that enables bulk data to be transferred efficiently between said units even when the transmission delay between the units exceeds 1 microsecond. No alterations to said host computer or said USB mass storage device are

1038-36	United States	11/076993	Mar 11, 2005	Icron Technologies Corporation	Dec 29, 2009	7640378	Issued	Nov 30, 2025
1038-37	PCT	PCT/CA2006/000447	Mar 10, 2006	Icron Technologies Corporation			Converted	
1038-46	Canada	2600419	Mar 10, 2006	Icron Technologies Corporation			Pending	
1038-47	Europe	06721712.5	Mar 10, 2006	Icron Technologies Corporation	Nov 2, 2011	EP1866778	Converted	Mar 10, 2026
1038-47/DE	Germany - EP	06721712.5	Mar 10, 2006	Icron Technologies Corporation	Nov 2, 2011	EP1866778	Issued	
1038-47/FR	France - EP	06721712.5	Mar 10, 2006	Icron Technologies Corporation	Nov 2, 2011	EP1866778	Issued	

Patent Assets

Icron Technologies Corporation

Ref. No.	Country	Appln No.	Filed	Owner	Patent Date	Patent No.	Status	Expires
1038-47/GB	United Kingdom - EP	06721712.5	Mar 10, 2006	Icron Technologies Corporation	Nov 2, 2011	EP1866778	Issued	
1038-48	Japan	2006-500023	Mar 10, 2006	Icron Technologies Corporation	Oct 5, 2012	5103371	Issued	Mar 10, 2026
1038-49	China	200680016290.2	Mar 10, 2006	Icron Technologies Corporation	Aug 10, 2011	ZL2006800162	Issued	Mar 10, 2026
1038-50	Australia	2006222461	Mar 10, 2006	Icron Technologies Corporation	Jun 28, 2012	2006222461	Issued	Mar 10, 2026

ICR 007

MCLEOD, John Alexander

Method And Apparatus For Distributing USB Hub Functions Across A Network

A method and related apparatuses for data transmission between a host computer and one or a plurality of USB compliant peripheral devices over a data communications network is provided which operates in the presence of transmission delays greater than that normally allowed in the USB specification. The host computer is connected to a local extender device which, in turn, is connected to one or a plurality of remote extender devices through the data communications network. The remote extender devices are, in turn, connected to a plurality of conventional

1038-56	United States	11/460983	Jul 28, 2006	Icron Technologies Corporation	Sep 8, 2009	7587536	Issued	Sep 13, 2027
1038-45	PCT	PCT/CA2007/001341	Jul 27, 2007	Icron Technologies Corporation et al			Converted	
1038-56	Australia	2007278726	Jul 27, 2007	Icron Technologies Corporation	Mar 25, 2013	2007278726	Issued	Jul 27, 2027
1038-57	China	200780035720.X	Jul 27, 2007	Icron Technologies Corporation	Sep 18, 2013	200780035720	Issued	Jul 27, 2027
1038-58	Japan	2008-522063	Jul 27, 2007	Icron Technologies Corporation	Apr 13, 2012	4972688	Issued	Jul 27, 2027
1038-59	Europe	07785007	Jul 27, 2007	Icron Technologies Corporation	Apr 10, 2013	2047370	Converted	
1038-59/DE	Germany - EP	07785007	Jul 27, 2007	Icron Technologies Corporation	Apr 10, 2013	2047370	Issued	
1038-59/FR	France - EP	07785007	Jul 27, 2007	Icron Technologies Corporation	Apr 10, 2013	2047370	Issued	
1038-59/GB	United Kingdom - EP	07785007	Jul 27, 2007	Icron Technologies Corporation	Apr 10, 2013	2047370	Issued	
1038-60	Canada	2657827	Jul 27, 2007	Icron Technologies Corporation			Pending	

ICR 008

MCLEOD, John Alexander

Method and Apparatus for Connecting USB Devices to a Remote Computer

A method and apparatus are provided to enable a plurality of standard USB peripheral devices, utilizing the USB specification, to be distributed at various nodes across a network, wherein communications across the network may take advantage of any pre-existing network connectivity of a standard, non-modified USB host computer. In particular, a reflector function is added in order to reflect data communications towards a pre-existing transceiver. As a result, the host computer establishes a first profile and second profile for data communication purposes, and

1038-62	United States	12/192940	Aug 15, 2008	Icron Technologies Corporation	Oct 18, 2010	7818486	Issued	Oct 23, 2028
1038-61	PCT	PCT/CA2009/001130	Aug 14, 2009	Icron Technologies Corporation			Converted	

Patent Assets

Icron Technologies Corporation

Ref. No.	Country	Appin No.	Filed	Owner	Patent Date	Patent No.	Status	Expires
1038-65	Canada	2733089	Aug 14, 2009	Icron Technologies Corporation			Pending	
1038-66	Europe	09606271.4	Aug 14, 2009	Icron Technologies Corporation	Oct 16, 2013	EP2315075B	Issued	Aug 14, 2029
1038-67	Australia	2009281668	Aug 14, 2009	Icron Technologies Corporation			Pending	
1038-68	China	200980141361.5	Aug 14, 2009	Icron Technologies Corporation			Pending	
1038-69	Japan	2011-622359	Aug 14, 2009	Icron Technologies Corporation		5992615	Pending	
1038-70	India	1049/CHENP/2011	Aug 14, 2009	Icron Technologies Corporation			Pending	
1038-71	Rep. of Korea	2011-70055964	Aug 14, 2009	Icron Technologies Corporation			Pending	

ICR 009

KOLBET, Robert J.

Extender Apparatus for USB Connection of Computer Units

An apparatus for extending USB linkage between a host computer and a peripheral unit includes a first extender port, a second extender port,

1038-53	United States	09/218881	Dec 22, 1996	Icron Technologies Corporation	Oct 23, 2001	6308215	Issued	Dec 22, 2018
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ICR 010

HALL, Aaron Thomas Joseph

Method and System for Communicating DisplayPort Information

A system and method for communicating DisplayPort information is provided. The system includes: a local unit comprising a local controller operable to produce a request packet in response to a DisplayPort request received by the local unit from a DisplayPort source unit and to transmit the request packet to a remote unit of the system via a first simplex channel of a dual simplex communications link; and the remote unit comprising a remote controller operable to produce a reply packet in response to a DisplayPort reply received by the remote unit from a

1038-62	United States	12/750427	Mar 30, 2010	Icron Technologies Corporation	Oct 1, 2013	8549197	Issued	Nov 20, 2031
1038-72	PCT	PCT/CA2011/006349	Mar 30, 2011	Icron Technologies Corp.			Converted	
1038-75	Canada	2793254	Mar 30, 2011	Icron Technologies Corporation			Pending	
1038-76	Europe	11781873.6	Mar 30, 2011	Icron Technologies Corporation			Pending	

Patent Assets

Icron Technologies Corporation

Ref. No.	Country	Appin No.	Filed	Owner	Patent Date	Patent No.	Status	Expires
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ICR 011

MCLEOD, John Alexander

Method and Apparatus for Connecting USB Devices to a Computer

A method and apparatus are provided to enable a plurality of standard USB peripheral devices, utilizing the USB specification, to be distributed at various nodes across a network, wherein communications across the network may take advantage of any pre-existing network connectivity of a standard, non-modified USB host computer. In particular, a virtual host controller function is added to the host computer in order to direct data communications towards a pre-existing network transceiver. As a result, the host computer is not required to be provided with USB

1038-63	United States	61/426769	Dec 23, 2010	Icron Technologies Corporation			Converted	
1038-73	PCT	PCT/CA2011/001348	Dec 9, 2011	Icron Technologies Corporation			Pending	
1038-77	United States	13/991466	Dec 9, 2011	Icron Technologies Corporation			Pending	

ICR 012

LOO, Edward Khin Wui

Method and System for Communicating DisplayPort and Single-link DVI/HDMI Information for Dual-Mode Devices

A system and method for communicating DVI (digital visual interface) and HDMI (high-definition multimedia interface) information is provided. The system includes: a local unit comprising a local controller operable to produce a downstream request packet in reaction to received DVI or HDMI information by the local unit from a video source device and to transmit the request packet to a remote unit of the system via a first simplex channel of a dual simplex communications link; and the remote unit comprising a remote controller operable to produce an upstream

1038-64	United States	61/429674	Jan 4, 2011	Icron Technologies Corporation			Converted	
1038-74	United States	13/342332	Jan 3, 2012	Icron Technologies Corporation	Oct 22, 2013	8566482	Issued	Jan 8, 2032

<u>App. No.</u>	<u>Country</u>	<u>Type</u>	<u>Filing Date</u>	<u>Short Title</u>
13/843630	US	Utility	15/03/2013	Link Partner (USB 3.0 Extension)
PCT/CA2013/000413	PCT	PCT	26/04/2013	Link Partner (USB 3.0 Extension)
13/791579	US	Utility	08/03/2013	Network Switchable USB
13/844031	US	Utility	15/03/2013	Proxy Idle (USB 3.0 Extension)
13/791619	US	Utility	08/03/2013	Receiver Detection Proxy
13/327640	US	Utility	15/12/2011	Remotely Generated Time Base (SOF Synch)
13/504384	US	Utility	02/07/2012	USB 2.0/3.0 Over DisplayPort
13/683993	US	Utility	21/11/2012	USB 3.0 Extender
13/229583	US	Utility	09/09/2011	USB Port Event Extension

SCHEDULE C
COPYRIGHT APPLICATIONS AND REGISTRATIONS

1. Owned by the Corporation

NIL

2. Licensed to the Corporation

NIL

SCHEDULE D

DISCLOSURES

1. Description of pending re-examination challenge to US 6,381,666 B1:

a. An anonymous *ex-parte* examination request against Icron patent US 6,381,666 B1 was filed on July 25, 2012 (application number 90/020,010, see below). Icron received a copy of the request by mail in or around July or August, 2012.

b. Icron consulted with the law firm Christensen O'Connor Johnson Kindness. No further action was taken at the time.

c. In January 2013, the US Patent Office issued its first response to the re-examination application, which included a high level summary of the matter. The US Patent Office agreed with the requester, rejecting the majority of the claims in Icron patent US 6,381,666 B1 on the basis of cited references.

d. Icron filed a response in or around early March, 2013.

e. In or around mid-September, 2013, Icron received the final office action from the US Patent Office (see below). Although the examiner agreed with Icron's position of the patentability of US 6,308,215 B1 with respect to two cited references, the examiner disagreed with its position on the basis of a third reference (McAlear).

f. Despite having issued its final office action, the US Patent Office agreed to consider any new or different arguments by Icron.

g. Icron filed a further response in or around early November, 2013, in which it focused on narrowing the scope of the claim rather than outright rejecting it.

h. As of November 21, 2013, Icron's response to the final office action was pending review. If Icron is not successful on further review, patent US 6,381,666 B1 could be weakened.

i. Note that Icron patent US 6,308,215 B1 related to USB extension pre-dates the McAlear reference used to challenge US 6,381,666 B1.

Application/Control Number: 90/020,010
Art Unit: 3992

DETAILED EX PARTE REEXAMINATION OFFICE ACTION

I. INTRODUCTION

This first Office action on the merit is in response to the *ex parte* Request (07/25/2012) for reexamination of US 5,381,666 to Keiser (hereafter '666 Keiser) by a Third Party Requester.

A. Summary

Claims 1-3, 9, 10, 15 and 19-40 are rejected. No requested claim is patentable or confirmed.

B. References Cited in this Office Action

1. The references discussed herein are as follows:
 - a. U.S. Patent No. 6,603,744 to Mizutani, et al. ("Mizutani")
 - b. U.S. Patent No. 6,384,519 to Russell ("Russell")
 - c. U.S. Patent No. 6,389,029 to McAlear ("McAlear")

C. Reexam Prosecution History

In the original Request (07/25/2012), the *above* references, alone or in combination were alleged to raise substantial new question of patentability against claims 1-3, 9, 10, 15 and 19-40 of the '666 patent.

In the order granting *ex parte* reexamination issued on August 31, 2012, it was agreed that Mizutani alone or in combination with Russell and McAlear, raises a substantial new question of patentability against claims 1-3, 9, 10, 15 and 19-40 of the '666 patent.

2. Description of Avocent patent (US 7,418,524 B2) protest submission

- a. In 2012, Icron became aware of a USB patent US 7,418,524 B2 by Avocent.
- b. Icron worked with a local IP lawyer to do a prosecution history search on this patent. From the prosecution history search, Icron became aware that relevant Icron patents were not used/referred to as prior art during prosecution of this patent.
- c. Also, Icron became aware that the same patent application in Europe had been rejected citing relevant Icron patents as prior art.
- d. Icron requested a copy of the Canadian patent application (2632560) (same US patent as mentioned above) and decided to submit anonymous protest citing Icron patents and prosecution history from Europe as a reference with the Canadian patent office.
- e. A new office action was issued on October 25, 2012. In this office action, the examiner applied the Icron prior art cited in Icron (anonymous) protest (WO 02/088975) to reject each pending claim of the application on obviousness grounds. In particular the examiner appears to have adopted the findings made by the EPO, which Icron incorporated into the protest submission.
- f. Avocent had 6 months to file a response (April 25, 2013) to this office action.
- g. As of May 1, 2013, the file wrapper reveals no response was made to the examiner's report by the April 25th deadline. As such Avocent's application is likely now in an abandoned state as advised by Icron's IP council. An application which has been abandoned may be recovered by payment of a fee within 12 months. Icron will request another file wrapper update from the Canadian patent office towards the end of April 2014.

3. Description of possible infringements to Icron intellectual property:

- a. Valens Semiconductor had approached Icron in the past to license its technology. These negotiations failed with Valens stating that they were no longer interested in Icron IP.
- b. Through next revision of HDBaseT standard (<http://www.hdbaset.org/>), Valens has indicated inclusion of the USB functionality in their next ASIC/Chipset. The details of the USB functionality included are not known at this time.
- c. It is only after the availability of this Valens ASIC and/or products available based upon this ASIC (with inclusion of USB functionality) that Icron will be able to determine any impact on Icron on or infringement of Icron's intellectual property, however there may be infringement of Icron's intellectual property based on the circumstances known to the Vendors.