

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY AGREEMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ADVANCED MICROSENSORS CORPORATION	05/23/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RENN Capital Group, Inc.
<b>Street Address:</b>	8080 North Central Expressway
<b>Internal Address:</b>	Suite 210
<b>City:</b>	Dallas
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75206
<b>PROPERTY NUMBERS Total: 5</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7639005
Patent Number:	6900510
Patent Number:	6858911
Patent Number:	6812055
Patent Number:	6717227
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)200-0458
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	(214) 651-5148
<b>Email:</b>	april.reasoner@haynesboone.com
<b>Correspondent Name:</b>	Gavin George
<b>Address Line 1:</b>	Haynes and Boone, LLP
<b>Address Line 2:</b>	2323 Victory Avenue, Suite 700
<b>Address Line 4:</b>	Dallas, TEXAS 75219
<b>ATTORNEY DOCKET NUMBER:</b>	18905.38

OP \$200.00 7639005

**501549736**

**PATENT**  
**REEL: 026366 FRAME: 0545**

NAME OF SUBMITTER:

Gavin George

Total Attachments: 6

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**PATENT**

**REEL: 026366 FRAME: 0546**

## PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (this "**Patent Security Agreement**") is entered into as of May 23, 2011 by and among Plures Technologies, Inc., a Delaware corporation ("**Borrower**"), Advanced Microsensors Corporation, a New York corporation and a ninety-five percent owned subsidiary of Borrower ("**Acquisition**"), RENN Global Entrepreneurs Fund, Inc., a Texas corporation ("**Renn Global**"), RENN Universal Growth Investment Trust PLC, a public limited company registered in England and Wales ("**Renn Universal**") (Renn Global and Renn Universal, together with any permitted assignees or successors in interest, are referred to herein collectively as the "**Lenders**"), and RENN Capital Group, Inc., a Texas corporation, as agent for Lenders (the "**Agent**"). Each of Borrower and Acquisition are referred to herein individually as a "**Borrower Party**", and collectively as the "**Borrower Parties**."

**WHEREAS**, on the date hereof, Renn Global has loaned to Borrower the sum of \$500,000 and Borrower has issued its Convertible Promissory Note to Renn Global in the original principal amount of \$500,000; and

**WHEREAS**, on the date hereof, Renn Universal has loaned to Borrower the sum of \$1,500,000 and Borrower has issued its Convertible Promissory Note to Renn Universal in the original principal amount of \$1,500,000 (such two promissory notes being collectively referred to as the "**Notes**") (this Agreement, the Notes, and that certain Security Agreement between the Borrower Parties, Lenders, and Agent, dated the date hereof (the "**Security Agreement**") being collectively referred to herein as the "**Loan Documents**"); and

**WHEREAS**, pursuant to the Security Agreement, the Borrower Parties are granting a security interest to Agent for the benefit of the Lenders in certain patents and patent applications whether now owned or existing or hereafter acquired or arising and wherever located.

**NOW, THEREFORE**, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree as follows:

1. **DEFINED TERMS**. All capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement.

2. **GRANT OF SECURITY INTEREST IN PATENT COLLATERAL**. Each Borrower Party hereby grants to Agent, for the benefit of the Lenders, a continuing first priority security interest in all of such Borrower Party's right, title and interest in, to and under the following, whether presently existing or hereafter created or acquired (collectively, the "**Patent Collateral**"):

(a) all of such Borrower Party's patents, patent applications, patentable inventions, trade secrets, equipment formulations, manufacturing procedures, quality control procedures (collectively, "**Patents**"), including those U.S. patents and U.S. published patent applications referred to on **Schedule I** hereto;

(b) all reissues, continuations, continuations-in-part, substitutes, extensions or renewals of and improvements on the foregoing; and

(c) all products and proceeds of the foregoing, including any claim by such Borrower Party against third parties for past, present or future infringement of any Patent or any Patent licensed under any license.

3. SECURITY FOR OBLIGATIONS. This Patent Security Agreement and the security interest created hereby secure the payment and performance of all of the Obligations, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Patent Security Agreement secures the payment of all amounts that constitute part of the Obligations and would be owed by each Borrower Party to Agent and the Lenders whether or not they are unenforceable or not allowable due to the existence of an insolvency proceeding involving such Borrower Party.

4. SECURITY AGREEMENT. The security interests granted pursuant to this Patent Security Agreement are granted in conjunction with the security interests granted to Agent, for the benefit of the Lenders, pursuant to the Security Agreement. Each Borrower Party hereby acknowledges and affirms that the rights and remedies of Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

5. AUTHORIZATION TO SUPPLEMENT. If any Borrower Party shall obtain rights to any new Patents or licenses for Patents, this Patent Security Agreement shall automatically apply thereto. Each Borrower Party shall give prompt notice in writing to Agent within thirty (30) days after the end of each fiscal quarter with respect to any such new Patents for which applications have been filed with the United States Patent and Trademark Office or licenses for Patents from such fiscal quarter. Without limiting each Borrower Party's obligations under this Section 5, each Borrower Party hereby authorizes Agent unilaterally to modify this Patent Security Agreement by amending Schedule I to include any such new U.S. Patents or licenses for Patents of such Borrower Party. Notwithstanding the foregoing, no failure to so modify this Patent Security Agreement or amend Schedule I shall in any way affect, invalidate or detract from Agent's continuing security interest in all Patent Collateral, whether or not listed on Schedule I.

6. COUNTERPARTS. This Patent Security Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all such separate counterparts shall together constitute but one and the same instrument. In proving this Patent Security Agreement or any other Loan Document in any judicial proceedings, it shall not be necessary to produce or account for more than one such counterpart signed by the party against whom such enforcement is sought. Any signatures delivered by a party by facsimile transmission or by e-mail transmission shall be deemed an original signature hereto.

7. CONSTRUCTION. Unless the context of this Patent Security Agreement or any other Loan Document clearly requires otherwise, references to the plural include the singular, references to the singular include the plural, the terms "includes" and "including" are not limiting, and the term "or" has, except where otherwise indicated, the inclusive meaning represented by the phrase "and/or." The words "hereof," "herein," "hereby," "hereunder," and similar terms in this Patent Security Agreement or any other Loan Document refer to this Patent

Security Agreement or such other Loan Document, as the case may be, as a whole and not to any particular provision of this Patent Security Agreement or such other Loan Document, as the case may be. Section, subsection, clause, schedule, and exhibit references herein are to this Patent Security Agreement unless otherwise specified. Any reference in this Patent Security Agreement or in any other Loan Document to any agreement, instrument, or document shall include all alterations, amendments, changes, extensions, modifications, renewals, replacements, substitutions, joinders, and supplements, thereto and thereof, as applicable (subject to any restrictions on such alterations, amendments, changes, extensions, modifications, renewals, replacements, substitutions, joinders, and supplements set forth herein). Any reference herein to any Person shall be construed to include such Person's successors and assigns.

*Remainder of page intentionally left blank; signature page follows.*

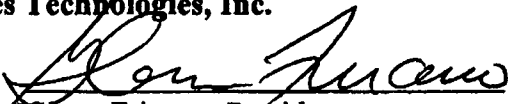
*Pat. Sec. Mgt.*

IN WITNESS WHEREOF, this Agreement has been duly executed as of the date and year written above.

**BORROWER PARTIES:**

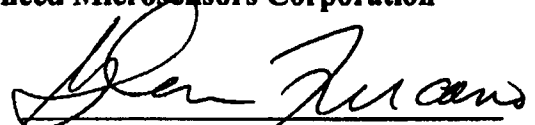
**Plures Technologies, Inc.**

By:

  
Glenn Fricano, President

**Advanced Microsensors Corporation**

By:

  
Glenn Fricano, Chief Executive Officer

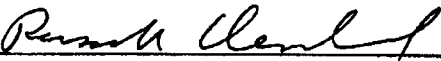
**LENDERS:**

**RENN Global Entrepreneurs Fund, Inc.**

By:   
Russell Cleveland  
President


**RENN Universal Growth Investment Trust PLC**

By: RENN Capital Group, Inc.  
Its: Investment Manager

By:   
Russell Cleveland  
President

**AGENT:**

**RENN Capital Group, Inc.**

By:   
Russell Cleveland  
President

**SIGNATURE PAGE TO PATENT SECURITY AGREEMENT**

**PATENT  
REEL: 026366 FRAME: 0551**

SCHEDULE I  
TO  
PATENT SECURITY AGREEMENT

Patents:

<b>COUNTRY</b>	<b>BORROWER PARTY</b>	<b>TITLE</b>	<b>APP/REG NO.</b>	<b>FILE/REG DATE</b>
USA	Advanced Microsensors Corporation	Giant Magnetoresistive Resistor and Sensor Apparatus and Method	7,639,005	December 29, 2009
USA	Advanced Microsensors Corporation	MEMS Devices and Methods for Inhibiting Errant Motion of MEMS Components	6,900,510	May 31, 2005
USA	Advanced Microsensors Corporation	MEMS Actuators	6,858,911	February 22, 2005
USA	Advanced Microsensors Corporation	MEMS Devices and Methods of Manufacture	6,812,055	November 2, 2004
USA	Advanced Microsensors Corporation	MEMS Devices and Methods of Manufacture	6,717,227	April 6, 2004

SCHEDULE I TO PATENT SECURITY AGREEMENT