

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
ERIC TING-SHAN PAN		10/07/2015
RECEIVING PARTY DATA		
Name:	ATHENAEUM LLC	
Street Address:	400 DORLA CT.	
City:	ZEPHYR COVE	
State/Country:	NEVADA	
Postal Code:	89448	
PROPERTY NUMBERS Total: 22		
Property Type	Number	
Patent Number:	8822309	
Application Number:	14473624	
Application Number:	61580044	
Patent Number:	9023729	
Application Number:	61580086	
Patent Number:	8673752	
Patent Number:	8507371	
Patent Number:	8541294	
Patent Number:	8507370	
Patent Number:	8530342	
Patent Number:	8430056	
Patent Number:	7905197	
Patent Number:	8193078	
Application Number:	12607726	
Application Number:	61109147	
Application Number:	61043014	
Application Number:	12418223	
Application Number:	12418020	
Application Number:	12417982	
Application Number:	12417931	

PATENT

Property Type	Number
PCT Number:	US0939544
PCT Number:	US0962415

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	JNG-GEN
NAME OF SUBMITTER:	ANDREW MCALEAVEY
SIGNATURE:	/Andrew McAleavey Reg. No. 50,535/
DATE SIGNED:	10/08/2015

Total Attachments: 4

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ASSIGNMENT OF PATENT RIGHTS FROM ERIC TS PAN TO ATHENAEUM LLC

For good and valuable consideration, the receipt of which is hereby acknowledged, Eric Ting-Shan Pan ("**Assignor**") having a home address of 40660 Las Palmas Avenue, Fremont, CA, 94539 does hereby sell, assign, transfer, and convey unto Athenaeum LLC having a corporate address of 400 DORLA CT., ZEPHYR COVE, NEVADA 89448, ("**Assignee**") or its designees, all right, title, and interest in and to any and all of the following (collectively, the "**Patent Rights**"):

- (a) the provisional patent applications, patent applications and patents listed in Exhibit 1 below (the "**Patents**");
- (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority;
- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents above and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e) that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (e);
- (g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

- (1) damages,
- (2) injunctive relief, and
- (3) any other remedies of any kind

for past, current, and future infringement; and

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS THEREOF this Assignment of Patent Rights is executed at

Fremont, CA on October 7th, 2015.

ASSIGNOR:

ERIC TING-SHAN PAN

By: 

Name: ERIC TING-SHAN PAN

(Signature MUST be attested as noted below)

ASSIGNEE hereby acknowledges receipt of the entire right, title and interest in and to the PATENT RIGHTS identified above in paragraph (a)

ATHENAEUM LLC

ERIC TING-SHAN PAN, PRESIDENT

By: 

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Eric Ting-Shan Pan to the above Assignment of Patent Rights and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Eric Ting-Shan Pan is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on October 2th, 2015 to execute the above Assignment of Patent Rights.
3. Eric Ting-Shan Pan subscribed to the above Assignment of Patent Rights.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on October 2th, 2015

Signature: Karen Pan

Print Name: Karen Pan

EXHIBIT 1 - PATENTS ASSIGNED

- 1) 8,822,309 Heterogeneous integration process incorporating layer transfer in epitaxy level packaging
- 2) 14/473,624 Heterogeneous Integration Process Incorporating Layer Transfer in Epitaxy Level Packaging
- 3) 61/580,044
- 4) 9,023,729 Epitaxy level packaging
- 5) 61/580,086
- 6) 8,673,752 Method of forming epitaxial based integrated circuit
- 7) 8,507,371 Method of forming epitaxial semiconductor structure
- 8) 8,541,294 Method of forming epitaxial film
- 9) 8,507,370 Method of transferring epitaxial film
- 10) 8,530,342 Method of integrating epitaxial film onto assembly substrate
- 11) 8,430,056 Apparatus for making epitaxial film
- 12) 7,905,197 Apparatus for making epitaxial film
- 13) 8,193,078 Method of integrating epitaxial film onto assembly substrate
- 14) 12/607,726 Epitaxy-level packaging (ELP) system
- 15) 61/109,147
- 16) 61/043,014
- 17) 12/418,223 Solar-to-electricity conversion system using cascade architecture of photovoltaic and thermoelectric devices
- 18) 12/418,020 Method for solar-to-electricity conversion
- 19) 12/417,982 Solar-to-electricity conversion system
- 20) 12/417,931 Solar-to-electricity conversion sub-module
- 21) PCT/US09/39544
- 22) PCT/US09/62415