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06-23-2009

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To the Hon
Please reco



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nd Trademarks:
; or copy thereof.

1. Name of conveying party(ies):

TRIUMF

2. Name and address of receiving party(ies)

Name: **Advanced Applied Physics Solutions, Inc.**

Street Address: **4004 Wesbrook Mall**

City: **Vancouver, B.C.**

Country: **Canada** Postal Code: **V6T 2A3**

Additional name(s) of conveying party(ies) attached?
☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment ☐ Merger ☐ Security Agreement
☐ Change of Name ☐ Other:

Execution Date: April 30, 2009

Additional name(s) & address(es) attached? ☐ YES ☒ NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

11/168,397

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom
correspondence concerning document should be
mailed:

Name: **HARNESSE, DICKEY & PIERCE, P.L.C.**

Street Address: **P.O. BOX 8910**

City: **RESTON** State: **VA** ZIP: **20195**

Country: **USA**

6. Total No. of applications/patents involved: **One (1)**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

☒ Enclosed

☒ Authorized to be charged to deposit account,
if no fee attached.

8. Deposit account number: **08-0750**

(Attach triplicate copy of this page
if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Donald J. Daley/34,313

Name of Person Signing/Reg. No.

Signature

June 18, 2009

Date

Total number of pages including cover sheet, attachments, and document:

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ASSIGNMENT

CORPORATE

TRIUMF, a joint venture by The Governors of The University of Alberta, the University of British Columbia, Carleton University, Simon Fraser University, The University of Toronto, and The University of Victoria, having a principal place of business at 4004 Wesbrook Mall, Vancouver, BC, V6T 2A3, Canada, (hereafter the "Assignor"), is the owner by respective Assignment of United States Patent Application identified below (hereafter the "Patent Application").

Advanced Applied Physics Solutions, Inc., a Canadian corporation having a principal place of business at 4004 Wesbrook Mall, Vancouver, BC, V6T 2A3, Canada, (hereafter the "Assignee"), desires to acquire all of the rights of the Patent Application and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee the entire right, title, and interest in and to the Patent Application identified below, and all inventions described and claimed therein, in any and all corresponding applications or Letters Patent thereof in the United States of America and throughout the world, and in any and all continuations, divisionals, reissues, reexaminations, extensions, and renewals of such applications or Letters Patent to the full end of the term or terms for which such Letters Patent issue, such entire right, title, and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

U.S. Appl. No.	Filing Date	U.S. Pat. No.	Issue Date	Title
11/168,397	06/29/2005	-	-	FORCED CONVECTION TARGET ASSEMBLY

By its undersigned representative, the Assignor agrees

a. to execute all papers necessary in connection with the Patent Application and any continuation, divisional, reissue, reexamination, extension, renewal, or corresponding application thereof and also to execute separate Assignment in connection with such application as the Assignee may deem necessary or expedient;

b. to execute all papers necessary in connection with any interference which may be declared concerning the Patent Application or any continuation, divisional, reissue, reexamination, or corresponding application thereof and to cooperate with the

Assignee in every way possible in obtaining evidence and going forward with such interference; and

c. to perform all affirmative acts which may be necessary to obtain a grant of a valid patent to the Assignee on inventions described in the Patent Application and on any continuation, divisional, reissue, reexamination, or corresponding application thereof.

The Assignor hereby covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.

The Assignor certifies that it is the Owner of the entire right, title, and interest in the Patent Application identified above by virtue of an Assignment of the Patent Application identified above. This Assignment was recorded on June 29, 2005 under reel/frame no. 016743/0602.

The undersigned has reviewed the documents in the Patent Application identified above and, to the best of undersigned's knowledge and belief, title is in the Assignor identified above.

The undersigned is empowered to sign this certificate on behalf of the Assignor.

The undersigned hereby declares that all statements made herein of his/her own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

By: M. S. Lech

Title: DIRECTOR

Date: 4/30/09