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Docket No.: 83815-632

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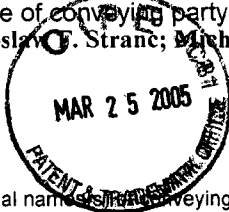
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To the Director of the United States Patent and

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J original documents or copy thereof.

1. Name of conveying party(ies):  
Miroslav G. Stranc; Michael G. Sowa; Henry H. Mantsch



2. Name and address of receiving party(ies):

Name: National Research Council of Canada

Internal Address: Building M-58 1200 Montreal Road

Ottawa Ontario Canada K1A 0R6

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

Additional names of receiving party(ies)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
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Execution Date: February 2005

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

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

A. Patent Application No.(s)

B. Patent No.(s)

10/319,838

Additional numbers attached?  Yes  No

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

Name: ADE & COMPANY

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03/29/2005 6TON11 00000153 10319838

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Michael R. Williams

March 9, 2005

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**PATENT**  
**REEL: 016395 FRAME: 0478**



**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**

Docket No.  
83815-632

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

*Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)*

Name	Signature/Date
Miroslaw F. Stranc	
Michael G. Sowa	
Henry H. Mantsch	<i>H. Mantsch February 8/2005</i>

