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FORM PTO-1585 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp 5/31/2002)
P08A/REV03

RECORDATION FOR

PATENT



DEPARTMENT OF COMMERCE
Patent and Trademark Office

103208677

Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Kari MUINONEN **Gordon DOYLE**
Anshu PATHAK
Matthew BARKER
Vincent MORENCY

Additional names(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: **CANADIAN NATIONAL RAILWAY COMPANY**
Address: **935 De La Gauchetièrre Street West**
16th Floor

City: **Montreal** State/Prov.: **Quebec**
Country: **CANADA** ZIP: **H3B 2M9**

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: **02/10/2006; 02/03/2006; 02/23/2006.**
02/10/2006; 02/09/2006;

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:

Patent Application No.	Filing date	B. Patent No.(s)
03/27/2006 FFANAEIA 00000038 11387570		02/10/2006;
		02/10/2006;
		02/03/2006;
		02/09/2006;
		02/23/2006.

04 FC:8021 40.00 OP

Additional numbers attached? Yes No

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
~~XXXXXX~~ **12-0400**
(Attach duplicate copy of this page if paying by deposit account)

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

Name: **Richard J. Streit**
Registration No. **25,765**
Address: **LADAS & PARRY**
224 South Michigan Avenue

City: **Chicago** State/Prov.: **Illinois**
Country: **U.S.A.** ZIP: **60604**

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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.

Richard J. Streit, Reg. No. 25,765 *Richard J. Streit* **March 23, 2006**
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **5**

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

112991 U.S. PTO
11/387570



032306

PATENT
REEL: 017687 FRAME: 0900

ASSIGNMENT

WHEREAS, WE,

Kari MUINONEN, citizen of CANADA, residing at, 146th Avenue, Roxboro, Quebec, H8Y 2V4, CANADA;

Anshu PATHAK, citizen of CANADA, residing at, 113 Montevista Street, Dollard-des-Ormeaux, Quebec, H9B 2Z7, CANADA;

Matthew BARKER, citizen of CANADA, residing at, 385 Estate Drive, Sherwood Park, Alberta, T8B 1L9, CANADA;

Vincent MORENCY, citizen of CANADA, residing at, 1-6524 de Normanville, Montreal, Quebec, H3S 2B9, CANADA; and

Gordon DOYLE, citizen of CANADA, residing at, 9 Norman Ross Dr., Markham, Ontario, L3S 3E8, CANADA.

(hereinafter referred to as the "Assignors"), have made certain inventions and discoveries as described in a United States patent application entitled "METHOD AND SYSTEM FOR COMPUTING RAIL CAR SWITCHING SOLUTIONS IN A SWITCHYARD BASED ON EXPECTED SWITCHING TIME", being executed concurrently herewith; (hereinafter referred to as the "Application")

AND WHEREAS, CANADIAN NATIONAL RAILWAY COMPANY, whose full post office address is 935, de la Gauchetière Street West, 16th Floor, Montreal, Quebec, H3B 2M9, CANADA (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions and discoveries, and in and to said Application inclusive of any and all priority rights derived therefrom, for any and all countries in the world, and in and to any and all Letters Patent issuing in any and all countries in the world, to be granted for said inventions and discoveries based on said Application or on patent applications filed in any country claiming priority from said Application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the Assignors, do hereby sell, assign, transfer, and set over unto the Assignee, its successors and assigns, our entire right, title, and interest in and to the inventions and discoveries disclosed in said Application, and in and to said Application and any continuations or divisions thereof and all priority rights derived therefrom, and in and to any and all patent applications and any continuations or divisions thereof filed in any country claiming priority from said Application, and in and to all Letters Patent which may be granted upon said Application or upon patent applications filed in any and all countries in the world including the United States of America, claiming priority from said Application, and in and to any and all reissues, substitutions, or prolongations thereof; the same to be held and enjoyed by the Assignee for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent, or reissues, substitutions, or

Tel que convenu par le cessionnaire et le cédant, cette cession a été rédigée en anglais.

As agreed by both the Assignee and the Assignor, this assignment has been drawn up in English.

prolongations thereof may be granted, as fully and entirely as the same would have been held and enjoyed by us had this Assignment and sale not been made;

AND we hereby agree that, upon request, and without further consideration, but at the expense of the Assignee, we will communicate to the Assignee or its representatives or nominees any facts known to us respecting said inventions and discoveries and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protect for said inventions and discoveries in all countries, and we further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of the Assignee, its successors and assigns, in and to said inventions and discoveries, and in and to any and all Letters Patent or reissues thereof which may be granted upon applications in any and all countries in the world.

AND we hereby authorize and request any official whose duty it is to issue patents to issue each and every Letters Patent to be granted upon the aforesaid applications in any and all countries, and each and every reissue of said Letters Patent, to the Assignee, its successors and assigns, as the assignee of our entire right, title and interest therein, in accordance with this Assignment.

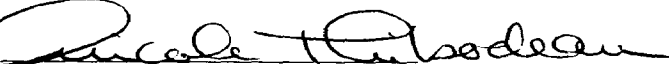
SIGNED this 10 day of FEB, 2006.


Kari MUINONEN

DECLARATION OF WITNESS

I, NICOLE THIBODEAU, whose full postal address is 801 DES ROSELINS
LONGUEUIL, QC do hereby declare that I was personally present and did see Kari MUINONEN, who is personally known to me to be the person named in the Assignment, sign and execute same.

Declared at MONTREAL, this 10 day of FEB, 2006.


Witness signature

* * * * *

Tel que convenu par le cessionnaire et le cédant, cette cession a été rédigée en anglais.
As agreed by both the Assignee and the Assignor, this assignment has been drawn up in English.

SIGNED this 10 day of Feb, 2006.

A. Pathak
Anshu PATHAK

DECLARATION OF WITNESS

I, SHARON MENDONZA whose full postal address is 336 James Shaw,
Beaconsfield, Quebec do hereby declare that I was personally present and did see Anshu
PATHAK, who is personally known to me to be the person named in the Assignment, sign and execute same.

Declared at Montreal, this 10 day of Feb., 2006.

S. Mendonza
Witness signature

SIGNED this 3 day of FEB, 2006.

Matthew Barker
Matthew BARKER

DECLARATION OF WITNESS

I, ROBERT BAUANTYNE, whose full postal address is 11436-64 ST EDMONTON
do hereby declare that I was personally present and did see Matthew
BARKER, who is personally known to me to be the person named in the Assignment, sign and execute same.

Declared at EDMONTON, this 3rd day of FEB, 2006.

R. Bauintyne
Witness signature

SIGNED this 9th day of Feb., 2006.

Vincent Morency
Vincent MORENCY

DECLARATION OF WITNESS

I, DIANE PARÉ, whose full postal address is 7740 PELLETIER BLVD.,
BROSSARD, QUEBEC do hereby declare that I was personally present and did see Vincent
MORENCY, who is personally known to me to be the person named in the Assignment, sign and execute same.

Declared at Montreal, this 9th day of February, 2006.

Diane Paré
Witness signature

Tel que convenu par le cessionnaire et le cédant, cette cession a été rédigée en anglais.
As agreed by both the Assignee and the Assignor, this assignment has been drawn up in English.

SIGNED this 23 day of February, 2006.

Gordon Doyle
Gordon DOYLE

DECLARATION OF WITNESS

I, Doug Ryhorchuk, whose full postal address is 991 Northern Prospect
Newmarket ONT. do hereby declare that I was personally present and did see Gordon
DOYLE, who is personally known to me to be the person named in the Assignment, sign and execute same.

Declared at Concord ONT., this 23 day of Feb., 2006.

D. Ryhorchuk
Witness signature

Tel que convenu par le cessionnaire et le cédant, cette cession a été rédigée en anglais.
As agreed by both the Assignee and the Assignor, this assignment has been drawn up in English.