

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	05/12/2006

**CONVEYING PARTY DATA**

Name	Execution Date
Rodney K. RIDLEY	08/01/2006
Tadeusz KAZMIERCZAK	08/01/2006
Linsong CAI	08/01/2006
Paul Charles JOHNSTON	08/14/2006
Helen PINTO	08/15/2006
Jun SUN	08/15/2006
Marc PROVENCHER	08/15/2006
John Harry WOOLLEY	08/01/2006
Garry CARDINAL	08/14/2008

**RECEIVING PARTY DATA**

Name:	ALBERTA RESEARCH COUNCIL INC.
Street Address:	250 Karl Clark Road
City:	Edmonton, Alberta
State/Country:	CANADA
Postal Code:	T6N 1E4

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12300257

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:

RR-714 PCT/US

NAME OF SUBMITTER:

Charles Rodman

**Total Attachments: 15**

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This Assignment of Invention dated this 12<sup>th</sup> day of May, 2006.

ASSIGNMENT OF INVENTION

We, the undersigned:

- (a) **Rodney K. RIDLEY**  
1704 Bears paw Drive West  
Edmonton, Alberta  
T6J 6K5  
Canada
- (b) **Tadeusz KAZMIERCZAK**  
340 South Ridge N.W.  
Edmonton, Alberta  
T6H 4M9  
Canada
- (c) **Linsong CAI**  
Apt. 301, 2711 – 111B Street  
Edmonton, Alberta  
T6J 4L9  
Canada
- (d) **Paul Charles JOHNSTON**  
276 Gariepy Crescent  
Edmonton, Alberta  
T6M 1A3  
Canada
- (e) **Helen PINTO**  
3105, 7171 Coach Hill Road S.W.  
Calgary, Alberta  
T3H 3R7  
Canada
- (f) **Jun SUN**  
58 Hamptons Heath N.W.  
Calgary, Alberta  
T3A 5E7  
Canada

- (g) **Marc PROVENCHER**  
207 Inverness Park S.E.  
Calgary, Alberta  
T2Z 3K6  
Canada
- (h) **John Harry WOOLLEY**  
11711 – 136 Street N.W.  
Edmonton, Alberta  
T5M 1M7  
Canada
- (i) **Garry CARDINAL**  
708, 11025 Jasper Avenue  
Edmonton, Alberta  
T5K 0K7  
Canada

(hereinafter collectively referred to as the "Inventors") have made an invention entitled:

**A SYSTEM AND A METHOD FOR DETECTING  
A DAMAGED OR MISSING MACHINE PART**

as set forth and described in an application for Letters Patent of Canada having the serial number 2,546,758 and filing date of the 12<sup>th</sup> day of May, 2006, and identified by Agent Reference No. 16455-070 (the "Invention").

**FOR GOOD AND VALUABLE CONSIDERATION**, the receipt and sufficiency of which are hereby acknowledged, we do hereby irrevocably assign, grant, sell, convey, transfer and make over unto the following:

**ALBERTA RESEARCH COUNCIL INC.**  
250 Karl Clark Road  
Edmonton, Alberta  
T6N 1E4  
Canada

our entire right, title and interest in and to the Invention, the Canadian Patent Application, any other application for patent for the Invention filed or to be filed in Canada and in any

further countries worldwide arising from or related to the Canadian Patent Application, including any and all divisional applications thereof, and any and all patents issued and which may be issued or re-issued for the Invention in Canada and in any further countries worldwide, together with the right to claim in respect of Canada and any foreign countries, the priority date of the Canadian Patent Application or any other applications for patent for the Invention filed in any country worldwide.

This Assignment shall enure to the benefit of and be binding upon the Inventors and Alberta Research Council Inc. and their respective heirs, executors, administrators and assigns.

IN WITNESS WHEREOF the following Inventor has caused this Assignment to be executed at Edmonton, Alberta, Canada this 8<sup>th</sup> day of August, 2006.

SIGNED, SEALED AND DELIVERED

in the presence of:

M. Sobert  
(Witness)

Rodney K. Ridley  
RODNEY K. RIDLEY

IN WITNESS WHEREOF the following Inventor has caused this Assignment to be executed at Edmonton, Alberta, Canada this 1<sup>st</sup> day of August, 2006.

SIGNED, SEALED AND DELIVERED

in the presence of:

M. Sobert  
(Witness)

Tadeusz Kazmierczak  
TADEUSZ KAZMIERCZAK

IN WITNESS WHEREOF the following Inventor has caused this Assignment to be executed at Edmonton, Alberta, Canada this 1<sup>st</sup> day of August, 2006.

SIGNED, SEALED AND DELIVERED

in the presence of:

M. Sobut  
(Witness)

Linsong Cai  
LINSONG CAI

IN WITNESS WHEREOF the following Inventor has caused this Assignment to be executed at Edmonton, Alberta, Canada this 14<sup>th</sup> day of August, 2006.

SIGNED, SEALED AND DELIVERED

in the presence of:

M. Sobut  
(Witness)

Paul Charles Johnston  
PAUL CHARLES JOHNSTON

IN WITNESS WHEREOF the following Inventor has caused this Assignment to be executed at Calgary, Alberta, Canada this 15<sup>th</sup> day of August, 2006.

SIGNED, SEALED AND DELIVERED

in the presence of:

S. Lados  
(Witness)

Helena Pinto  
HELEN PINTO

IN WITNESS WHEREOF the following Inventor has caused this Assignment to be executed at Calgary, Alberta, Canada this 15<sup>th</sup> day of August, 2006.

SIGNED, SEALED AND DELIVERED

in the presence of:

*[Signature]*

(Witness)

*[Signature]*

JUN SUN

IN WITNESS WHEREOF the following Inventor has caused this Assignment to be executed at Calgary, Alberta, Canada this 15<sup>th</sup> day of August, 2006.

SIGNED, SEALED AND DELIVERED

in the presence of:

*[Signature]*

(Witness)

*[Signature]*

MARIE PROVENCHER

IN WITNESS WHEREOF the following Inventor has caused this Assignment to be executed at Edmonton, Alberta, Canada this 15<sup>th</sup> day of August, 2006.

SIGNED, SEALED AND DELIVERED

in the presence of:

*[Signature]*

(Witness)

*[Signature]*

JOHN HARRY WOOLLEY

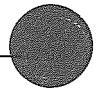
IN WITNESS WHEREOF the following Inventor has caused this Assignment to be executed at Edmonton, Alberta, Canada this 14<sup>th</sup> day of August, 2006.

SIGNED, SEALED AND DELIVERED

in the presence of:

M Robert  
(Witness)

Garry Cardinal  
GARRY CARDINAL





**AFFIDAVIT OF EXECUTION**

CANADA ) I, Melissa Gibert  
PROVINCE OF ALBERTA ) of the City of Edmonton in the Province of Alberta  
TO WIT: ) make oath and say:

1. That I was personally present and did see RODNEY K. RIDLEY named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of Edmonton in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said RODNEY K. RIDLEY who is in my belief of the full age of eighteen years.

SWORN before me at Edmonton, Alberta )  
in the Province of Alberta this 1<sup>st</sup> )  
day of August A.D. 2006 )

[Signature] )  
\_\_\_\_\_ )

A COMMISSIONER FOR OATHS IN AND  
FOR THE PROVINCE OF ALBERTA

My commissioner for oaths expires  
on November 7, 2007.

MARLA MAURICIO

[Signature]  
\_\_\_\_\_ )  
Witness

**AFFIDAVIT OF EXECUTION**

CANADA ) I, Melissa Gobert  
PROVINCE OF ALBERTA ) of the City of Edmonton in the Province of Alberta  
TO WIT: ) make oath and say:

1. That I was personally present and did see TADEUSZ KAZMIERCZAK named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of Edmonton in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said TADEUSZ KAZMIERCZAK who is in my belief of the full age of eighteen years.

SWORN before me at Edmonton, Alberta )  
in the Province of Alberta this 1<sup>st</sup> )  
day of August A.D. 2006 )

[Signature] )

A COMMISSIONER FOR OATHS IN AND  
FOR THE PROVINCE OF ALBERTA

My commissioner for oaths expires on November 7, 2007.  
MARLA MAURICIO

[Signature]  
Witness

**AFFIDAVIT OF EXECUTION**

CANADA ) I, Melissa Gobert  
PROVINCE OF ALBERTA ) of the City of Edmonton in the Province of Alberta  
TO WIT: ) make oath and say:

1. That I was personally present and did see LINSONG CAI named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of Edmonton in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said LINSONG CAI who is in my belief of the full age of eighteen years.

SWORN before me at Edmonton, Alberta )  
in the Province of Alberta this 1<sup>st</sup> )  
day of August A.D. 2006 )

[Signature] )  
\_\_\_\_\_ )

A COMMISSIONER FOR OATHS IN AND  
FOR THE PROVINCE OF ALBERTA

[Signature]  
\_\_\_\_\_

Witness

My commissioner for oaths expires on November 7, 2007.

MARLA MAURICIO

**AFFIDAVIT OF EXECUTION**

CANADA ) I, Melissa Gobert  
PROVINCE OF ALBERTA ) of the City of Edmonton in the Province of Alberta  
TO WIT: ) make oath and say:

1. That I was personally present and did see PAUL CHARLES JOHNSTON named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of Edmonton in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said PAUL CHARLES JOHNSTON who is in my belief of the full age of eighteen years.

SWORN before me at Edmonton, Alberta )  
in the Province of Alberta this 14<sup>th</sup> )  
day of August A.D. 2006 )

[Signature] )

A COMMISSIONER FOR OATHS IN AND  
FOR THE PROVINCE OF ALBERTA

[Signature]

Witness

My commissioner for oaths expires  
on November 7, 2007.

MARLA MAURICIO

**AFFIDAVIT OF EXECUTION**

CANADA ) I, Shamez Kotadia  
PROVINCE OF ALBERTA ) of the City of Calgary in the Province of Alberta  
TO WIT: ) make oath and say:

1. That I was personally present and did see HELEN PINTO named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of Calgary in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said HELEN PINTO who is in my belief of the full age of eighteen years.

SWORN before me at Edmonton )  
in the Province of Alberta this 15<sup>th</sup> )  
day of August A.D. 2006 )

M Sobut )

A COMMISSIONER FOR OATHS IN AND  
FOR THE PROVINCE OF ALBERTA

My Commission for oaths expires  
Dec 22/06

Melissa Sobut

Shamez Kotadia

Witness

**AFFIDAVIT OF EXECUTION**

CANADA ) I, Shamez Kotadia  
PROVINCE OF ALBERTA ) of the City of Calgary in the Province of Alberta  
TO WIT: ) make oath and say:

1. That I was personally present and did see JUN SUN named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of Calgary in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said JUN SUN who is in my belief of the full age of eighteen years.

SWORN before me at Edmonton )  
in the Province of Alberta this 15<sup>th</sup> )  
day of August A.D. 2006 )

M. Gobert )

A COMMISSIONER FOR OATHS IN AND  
FOR THE PROVINCE OF ALBERTA

My commission for oaths expires  
Dec 22/06  
Melissa Gobert

Shamez Kotadia )

Witness

**AFFIDAVIT OF EXECUTION**

CANADA ) I, Shamez Kotadia  
PROVINCE OF ALBERTA ) of the City of Calgary in the Province of Alberta  
TO WIT: ) make oath and say:

1. That I was personally present and did see MARC PROVENCHER named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of Calgary in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said MARC PROVENCHER who is in my belief of the full age of eighteen years.

SWORN before me at Edmonton )  
in the Province of Alberta this 15<sup>th</sup> )  
day of August A.D. 2006 )

[Signature] )

A COMMISSIONER FOR OATHS IN AND

FOR THE PROVINCE OF ALBERTA  
*My commissioner for oaths expires  
Dec 23/06  
Melissa Gobert*

[Signature]

Witness

**AFFIDAVIT OF EXECUTION**

CANADA ) I, Melissa Gobert  
PROVINCE OF ALBERTA ) of the City of Edmonton in the Province of Alberta  
TO WIT: ) make oath and say:

1. That I was personally present and did see JOHN HARRY WOOLLEY named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of Edmonton in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said JOHN HARRY WOOLLEY who is in my belief of the full age of eighteen years.

SWORN before me at Edmonton, Alberta )  
in the Province of Alberta this 1<sup>st</sup> )  
day of August A.D. 2006 )

[Signature] )

A COMMISSIONER FOR OATHS IN AND  
FOR THE PROVINCE OF ALBERTA

My commissioner for oaths expires on November 7, 2007.

MARLA MAURICIO

[Signature]

Witness



**AFFIDAVIT OF EXECUTION**

CANADA ) I, Melissa Gobert  
PROVINCE OF ALBERTA ) of the City of Edmonton in the Province of Alberta  
TO WIT: ) make oath and say:

1. That I was personally present and did see GARRY CARDINAL named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of Edmonton in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said GARRY CARDINAL who is in my belief of the full age of eighteen years.

SWORN before me at Edmonton, Alberta )  
in the Province of Alberta this 14<sup>th</sup> )  
day of August A.D. 2006 )

[Signature] )

A COMMISSIONER FOR OATHS IN AND  
FOR THE PROVINCE OF ALBERTA

[Signature]  
Witness

My commissioner for oaths expires  
on November 7, 2007.  
MARLA MAURICIO