

FORM PTO-1619A  
Expires 08/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT



06-13-2001  
Barcode  
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RECORDATION FORM COVER SHEET  
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6-7-01

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Correction of PTO Error  
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Conveyance Type

Assignment  Security Agreement

License  Change of Name

Merger  Other

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Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name (line 1) MA, THOMAS LAI WAI

02072001

Name (line 2)

Second Party

Execution Date  
Month Day Year

Name (line 1) SEDIGHY, MOHAMMAD

02152001

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) HATCH ASSOCIATES LTD.

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 2800 SPEAKMAN DRIVE

Address (line 2) MISSISSAUGA

Address (line 3) ONTARIO CANADA L5K 2R7  
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

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06/08/2001 MDANTE1 00000060 09778835

05 FQ:581 40.00 OP

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FORM PTO-1619C  
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**RECORDATION FORM COVER SHEET  
CONTINUATION  
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U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) PERKINS, BRIAN KENNETH

02152001

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) GERRITSEN, THEODORUS ANTHONIUS

02152001

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) RAJDA, JANOS

02152001

Name (line 2)

**Receiving Party(ies)**

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

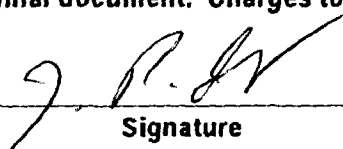
Deposit Account Number: #

Authorization to charge additional fees: Yes  No

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. Charges to deposit account are authorized, as indicated herein.

JOSEFINO P. DE LEON  
Name of Person Signing

  
Signature

6/7/01  
Date

A S S I G N M E N T

WHEREAS, THOMAS LAI WAI MA, MOHAMMAD SEDIGHY, BRIAN KENNETH PERKINS, THEODORUS ANTHONIUS GERRITSEN and JANOS RAJDA, whose full post office addresses are, respectively, 10 Equestrian Court, Toronto, Ontario, M2H 3M9, Canada; 4100 Ponytrail Drive, # 1708, Mississauga, Ontario, L4W 2Y1, Canada; 3611 Greenbower Court, Mississauga, Ontario, L5L 1P3, Canada; 1450 Glen Abbey Gate, Unit 732, Oakville, Ontario, L6M 2V7, Canada and 5471 Windy Hill Court, Mississauga, Ontario, L4Z 3W4, Canada have invented certain new and useful improvements in a

**POWER CONTROL SYSTEM FOR AC ELECTRIC ARC FURNACE**

for which they executed on Feb. 7<sup>th</sup>, 2001, an Application for Letters Patent of the United States of America;

AND WHEREAS, HATCH ASSOCIATES LTD., having its head office and principal place of business at 2800 Speakman Drive, Mississauga, Ontario, L5K 2R7, Canada has acquired from the above inventors their right, title and interest in and to the said invention for the United States of America, Canada and all other countries, and in the said application and any Letters Patent that may be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to them in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the said THOMAS LAI WAI MA, MOHAMMAD SEDIGHY, BRIAN KENNETH PERKINS, THEODORUS ANTHONIUS GERRITSEN and JANOS RAJDA do hereby confirm that they have sold, assigned and transferred, and by these presents do sell, assign and transfer to the said Hatch Associates Ltd., its successors and assigns, their right, title and interest in and to the said invention for the United States of America, Canada and for all

other countries in and to the invention as fully set forth and described in the specification of the above-identified application for Letters Patent of the United States of America, and in and to any Letters Patent that may be obtained therefor in the United States of America, Canada and in any other country;

AND the said **THOMAS LAI WAI MA, MOHAMMAD SEDIGHY, BRIAN KENNETH PERKINS, THEODORUS ANTHONIUS GERRITSEN and JANOS RAJDA** hereby covenant and agree to do all such things and to execute without further consideration such further lawful documents, assurances, application, and other instruments as may reasonably be required to obtain Letters Patent for the said invention and vest the same in **Hatch Associates Ltd.**, its successors and assigns.

**THOMAS LAI WAI MA, MOHAMMAD SEDIGHY, BRIAN KENNETH PERKINS, THEODORUS ANTHONIUS GERRITSEN and JANOS RAJDA** hereby authorize and request the Commissioner of Patents & Trademarks to issue said United States Patent to **Hatch Associates Ltd.** of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by them had this assignment not been made.

Executed on this 7<sup>th</sup> day of February,  
2001 at Mississauga, Ontario, Canada

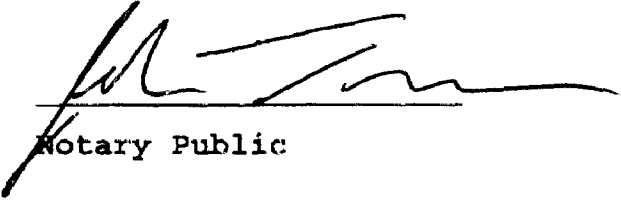
THOMAS LAI WAI MA



Province of Ontario:

Before me personally appeared said

THOMAS LAI WAI MA and acknowledged the foregoing  
instrument to be his free act and deed this  
7<sup>th</sup> day of February, 2001.

  
Notary Public

Executed on this Fifteenth day of February,  
2001 at Mississauga, Ontario, Canada

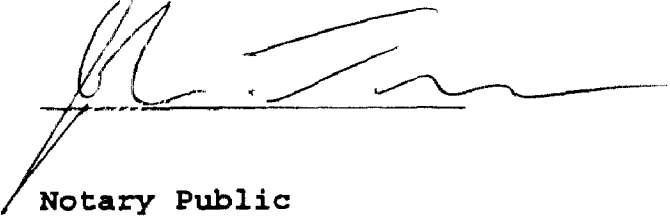
MOHAMMAD SEDIGHY



Province of Ontario:

Before me personally appeared said

MOHAMMAD SEDIGHY and acknowledged the foregoing  
instrument to be his free act and deed this  
15<sup>th</sup> day of February, 2001.

  
Notary Public

Executed on this 15<sup>th</sup> day of February,  
2001 at Mississauga, Ontario, Canada

BRIAN KENNETH PERKINS



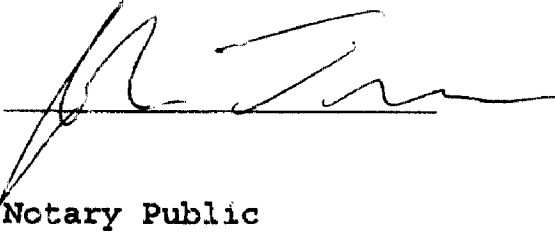
Province of Ontario:

Before me personally appeared said

BRIAN KENNETH PERKINS and acknowledged the foregoing

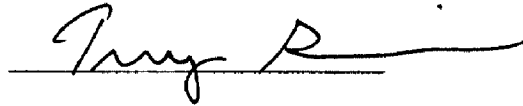
instrument to be his free act and deed this

15<sup>th</sup> day of February, 2001.

  
Notary Public

Executed on this 15 day of FEBRUARY,  
2001 at MISSISSAUGA, Ontario, Canada

THEODORUS ANTHONIUS GERRITSEN



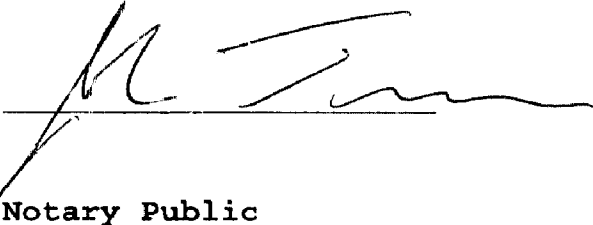
Province of Ontario:

Before me personally appeared said

THEODORUS ANTHONIUS GERRITSEN and acknowledged the foregoing

instrument to be his free act and deed this

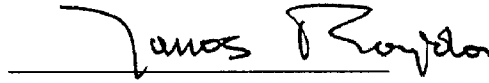
15<sup>th</sup> day of February, 2001.

  
Notary Public

3

Executed on this (15) fifteenth day of February, 2001  
at Mississauga, Ontario, Canada

JANOS RAJDA



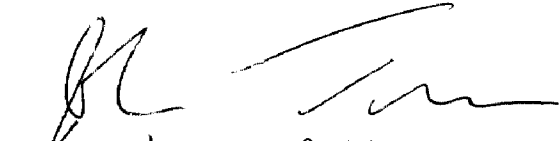
Province of Ontario:

Before me personally appeared said

JANOS RAJDA and acknowledged the foregoing

instrument to be his free act and deed this

.....15<sup>th</sup>..... day of February....., 2001.

  
Notary Public