

05-23-2002

RE

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Our Ref: 32342-0070



102100881

The Honorable Commissioner of Patents and

original documents or copy thereof.

1. Name of conveying party(ies):
Hatch Associates Ltd.

5-23-02

2. Name and address of receiving party(ies)

Name: NORANDA INC.

Internal Address:

Street Address: BCE Place, 181 Bay Street

City: Toronto State: Ontario ZIP: M5J 2T3

Additional name(s) of conveying party(ies) attached?

Yes No

[] [x]

Additional name(s) & address(es) attached?

[] Yes [x] No

3. Nature of conveyance:

[x] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: April 14, 2002

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) 09/906,663

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: Mr. Roland H. Joachim, Ridout & Maybee
Internal Address: Suite 2400

Street Address: One Queen Street East

Ontario, Canada, M5C 3B1
City: Toronto State: ZIP:

6. Total number of applications and patents involved:
[1]

7. Total Fee (37 CFR 3.41).....\$ 40.00

[] Enclosed

[x] Authorized to be charged to deposit account

8. Deposit account number:

13-2400

(Attach duplicate 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.

Roland H. Joachim

Name of Person Signing
Registration No. 40,353

Signature

May 22, 2002
Date

Total number of pages including cover sheet, attachments, and document: [3]

ASSIGNMENT

WHEREAS, **HATCH ASSOCIATES LTD.**, whose full post office address is 2800 Speakman Drive, Sheridan Science and Technology Park, Mississauga, Ontario, Canada L5K 2R7, is the owner of the invention set forth and described in an application for Letters Patent as disclosed and claimed in U.S. Patent Application No. 09/906,663, filed July 18, 2001 and entitled **PROCESS FOR PURIFICATION OF MOLTEN SALT ELECTROLYTES**;

AND WHEREAS, **NORANDA INC.**, having its head office and principal place of business at BCE Place, 181 Bay Street, Toronto, Ontario, Canada M5J 2T3, has acquired from the said **HATCH ASSOCIATES LTD.** its 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, receipt of which is hereby acknowledged, and other good and valuable consideration, the said **HATCH ASSOCIATES LTD.** hereby confirms that it has sold, assigned and transferred, and by these presents it does sell, assign and transfer to the said **NORANDA INC.**, its successors and assigns, its 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 **HATCH ASSOCIATES LTD.** hereby covenants and agrees to do all such things and to execute without further consideration such further lawful documents, assurances, applications, and other instruments as may reasonably be

required to obtain Letters Patent for the said invention and vest the same in **NORANDA INC.**, its successors and assigns.

IN TESTIMONY WHEREOF the said **HATCH ASSOCIATES LTD.** has executed this assignment this x 14 day of x APRIL, 2002, at Mississauga, Ontario, Canada.

HATCH ASSOCIATES LTD.

By: x

Name (print): x C. T. GUYE-MORLEY

Title: x Managing Director
Technologies

Witness: x

Albina Gatch

John Turmes
Secretary