Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005) 10 - 25 -	- 2004 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RE	
To the Director of the U.S. Patent and 102866	6556ocuments or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s): Michael C. Oballa Leslie Wilfred Benum Marvin Harvey Weiss	2. Name and address of receiving party(ies) Name: NOVA Chemicals (International) S.A. Internal Address:
09/30/04; 10/05/04; and Execution Date(s) 10/12/04 respectively Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name	City:
Government Interest Assignment Executive Order 9424, Confirmatory License Other	State: Country: Switzerland Zip: Additional name(s) & address(es) attached? Yes X No
A. Patent Application No.(s) 2.2404 2728411 00000005 10985085 2:8081 40.00 8P	document is being filed together with a new application. B. Patent No.(s) ttached? Yes XNo
5. Name and address to whom correspondence concerning document should be mailed: Name: Kenneth H. Johnson	6. Total number of applications and patents involved:
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Example 1.21(h) & 3.41) \$ 40.00
Street Address: P.O. Box 630708	None required (government interest not affecting title)
City: Houston	8. Payment Information
State: Texas Zip: 77263	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: 713–780–7047	b. Deposit Account Number
Fax Number: 713-780-7671 Email Address: John 7820@ao1.com	Authorized User Name
9. Signature:	-
Kenneth H. Johnson Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 015906 FRAME: 0953

<u>ASSIGNMENT</u>

In consideration of (\$1.00) One Dollar and other good and valuable consideration, the receipt whereof is hereby acknowledged, we,

Michael C. Oballa, a Canadian citizen, residing at 28 Lochend Drive, Cochrane, Alberta, Canada, T4C 2H2;

Leslie Wilfred Benum, a Canadian citizen, residing at 4020 – 52 Street, Red Deer, Alberta, Canada, T4N 2B9; and

Marvin Harvey Weiss, a Canadian citizen, residing at Box 12, Site 12, R.R. 9, Calgary, Alberta, Canada, T2J 5G5,

do hereby sell, assign and transfer to **NOVA Chemicals (International) S.A.**, a corporation of Switzerland, having an office at Avenue de la Gare 12, 1700 Fribourg, Switzerland, its successors and assigns, all our right, title and interest in the United States of America in and to our invention entitled:

"External Ribbed Furnace Tubes"

for which **Michael C. Oballa** executed an application for a United States Patent dated the <u>30</u> day of September, 2004; **Leslie Wilfred Benum** executed an application for a United States Patent dated the <u>5</u> day of <u>October</u>, 2004; and **Marvin Harvey Weiss** executed an application for a United States Patent dated the <u>12</u> day of <u>October</u>, 2004.

We further undertake to execute without further consideration all lawful papers, all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to assist and enable the said **NOVA Chemicals (International) S.A.** its successors, assigns and nominees, to obtain and enforce proper patent protection for the said invention.

This indenture shall be binding upon and enure to the benefit of the heirs, executors, administrators, successors and assigns, respectively, of the parties hereto.

SIGNED in the City of Calgary, in the Province of Alberta, this **3**0 day of September, 2004.

WITNESS:

Michael C. Obai

AFFIDAVIT OF EXECUTION

I, ______, whose full post office address is c/o NOVA Chemicals Corporation, 2928 - 16 Street NE, Calgary, Alberta, Canada, T2E 7K7

MAKE OATH AND SAY:

That I was personally present and did see **Michael C. Oballa** who is personally known to me to be the person named in this assignment duly sign and execute the same.

sworn before me at the City of Calgary, in the Province of Alberta, this 30 day of September, 2004

A Notary Public in and for the Province of Alberta

JUDITH ANN MAWSON
My Appointment Expires December 31, 200 b

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PATENT REEL: 015906 FRAME: 0954

WITNESS:	_
	P Ros
	Leslie Wilfred Benum
<u>A</u>	FFIDAVIT OF EXECUTION
1, Judith Mauson	, whose full post office address is c/o NOVA S Street NE, Calgary, Alberta, Canada, T2E 7K7
•	Street NE, Calgary, Alberta, Carlada, 12E / IV/
MAKE OATH AND SAY:	
	d did see Leslie Wilfred Benum who is personally knowr this assignment duly sign and execute the same.
SWORN before me at the City	
of Calgary, in the Province of Alberta, this 3day of	
October, 2004 _/	
Les Lat)
A Notary Public in and for the Province of Alberta	
SIGNED in the City of Calgary, in	the Province of Alberta, this /2 day of October, 2004.
WITNESS:	
.7	. /
Jaroly Hoff	
	Marvin Harvey Weiss
	ϵ
A	FFIDAVIT OF EXECUTION
4 1 1 56	
1, Carolyn Hoff	, whose full post office address is c/o NOVA
Chemicals Corporation, 2928 - 16	S Street NE, Calgary, Alberta, Canada, T2E 7K7
MAKE OATH AND SAY:	
	d did see Marvin Harvey Weiss who is personally knowr s assignment duly sign and execute the same.
SWORN before me at the City	$\mathcal{A} = \mathcal{A} = \mathcal{A}$
of Calgary, in the Province of	? /harlin HSII
Alberta, this <u>12</u> day of	
October, 2004 ,	
October, 2004)
October, 2004, A Notary Public in and for the	- -

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RECORDED: 10/14/2004

PATENT REEL: 015906 FRAME: 0955