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OMB No. 0651-0027  To the Honorable Commissioner of Pa.	.102052730 .10205 riese record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Claude BAUDELET	ELF ANTAR FRANCE
Claude BAODELET	Tour TOTAL 24, Cours Michelet 92800
OIPE	PUTEAUX FRANCE
/ '%	
( APR 0 8 2002 (2)	
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Carried Services	7
Additional name(s) of conveying very (ies) attended?   Ye	s ☑ No 4-8-02
3. Nature of conveyance:	
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	
☐ Other	
F	
Execution Date: February 28, 2002  4. Application number(s) or patent number(s):	Additional name(s) & address(es) attached? ☐ Yes ☑ No
••	
If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)
10/058,102	
Additional numbers attached?   Yes  No	
5. Name and address of party to whom correspond	
concerning document should be mailed:	1
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00
2100 Pennsylvania Avenue, N.W.	☑ Enclosed. Please charge any underpayment in connection
Suite 800	with this Assignment to Deposit Account No. 19-4880.
Washington, D.C. 20037-3213	☐ Authorized to be charged to deposit account
	8. Deposit account number:
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9. Statement and signature.	
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.	
I = I	April 8, 2002
Mulk Mush.	Reg. No. 21,092 Date
Robert J. Spas, Jr. / /	
Total number of pages including cover sheet, attachments, and documents: 2	
Total number of pages including cover sheet, attachments,  Mail documents to be recorded with required cover sheet information to:  Commissioner of Patents & Trademarks	
Commissioner of Patents & Traderiants  Box Assignment	
Washington, D.C. 20231	

04/11/2002 LHNELLER 00000149 10058102 01 FC:581 40.00 0P

## **Assignment**

Whereas, I/We, Claude BAUDELET of 1bis, rue Raymond Greban 78100 SAINT GERMAIN EN LAYE FRANCE, hereinafter called assignor(s), have invented certain improvements in FOULING REDUCTION DEVICE FOR A TUBULAR HEAT EXCHANGER and executed an application for Letters Patent of the United States of America therefor on

February 28, 2002

Whereas, ELF ANTAR FRANCE of Tour TOTAL 24, Cours Michelet 92800 PUTEAUX FRANCE (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner for Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 10/058, 102 and Confirmation number 1200, filed January 29, 2002) the filing date and application number of said application when known.

Date: 28 Februar 2002
s/Claude BAUDELET

RECORDED: 04/08/2002

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 012772 FRAME: 0312