

Atty. Docket No.: 33808.003

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102266477

To the Honorable Commissioner of Pate.  
Please record the attached original documents or copies thereof.

1. Name(s) of conveying party(ies):  
Jean-Luc BEAL, Patrick DANG and Olivier DENIZART

2. Name(s) and Address(es) of receiving party(ies):  
ATOFINA  
4/8 COURS MICHELET  
LA DEFENSE 10  
F-92091 Paris La Defense Cedex - FRANCE

3. Nature of conveyance: Assignment  
Execution Date: October 3, 2002; September 27, 2002; and October 10, 2002, respectively

4A. Patent Application No.(s): 08/836,522  
Application filing date: September 22, 1997

4B. Patent No.(s):

5. Name and Address of Party to whom correspondence regarding this document should be mailed:  
Smith, Gambrell & Russell, LLP  
1850 M Street NW - Suite 800  
Washington, DC 20036  
(202) 263-4300

6. Total number of applications and patents involved : one

7. Total fee: \$40.00.  
(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

8. Deposit Account No.: 02-4300

DO NOT USE THIS SPACE

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.

Name of Person Signing : <sup>for</sup> Frederick F. Calvetti, Reg. No. 28,557

Signature: *by Frederick F. Calvetti* 32,263

Date: October 25, 2002

10/30/2002 DBYRNE 00000115 00036522  
01 FC:8021 40.00 DP

**ASSIGNMENT**

This assignment agreement is applicable to an invention entitled:

**PIPES, BASED ON POLYAMIDE AND POLYOLEFIN,  
FOR GAS TRANSMISSION AND/OR DISTRIBUTION**

The PATENT RIGHTS referred to in this agreement are:

- (check one)
- a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
  - U.S. patent application Serial No. 08/836,522, filed September 22, 1997.
  - a U.S. patent application based on PCT International Application No. \_\_\_\_\_ filed on (date) \_\_\_\_\_,
- (U.S. patent application Serial No. \_\_\_\_\_, if known).
- U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one)
- U.S. patent rights only.
  - Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) ATOFINA  
 (Address) 4/8 COURS MICHELET  
 La Defense 10  
 F-92091 Paris La Defense Cedex- FRANCE

The ASSIGNEE is:

- (check one)
- An Individual.
  - A Partnership.
  - A Corporation of FRANCE (specify state or country)
  - (other) \_\_\_\_\_

The ASSIGNOR(S), receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

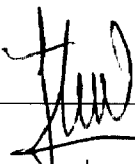
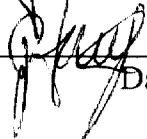
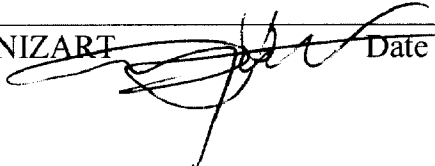
- the full and exclusive right to the invention;
- the entire right, title and interest in and to the PATENT RIGHTS;
- the right to sue and recover for any past infringement; and,

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Jean-Luc BEAL		Date 03/10/2002	Witness
Patrick DANG		Date 27/09/2002	Witness
Olivier DENIZART		Date 10/10/2002	Witness