

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; text-align: center; padding: 5px;">Name</td> <td style="width: 30%; text-align: center; padding: 5px;">Execution Date</td> </tr> <tr> <td style="padding: 5px;">Sumitomo Metal Industries, Ltd.</td> <td style="padding: 5px;">11/09/2004</td> </tr> </table>	Name	Execution Date	Sumitomo Metal Industries, Ltd.	11/09/2004									
Name	Execution Date												
Sumitomo Metal Industries, Ltd.	11/09/2004												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%; padding: 5px;">Name:</td><td style="padding: 5px;">Sumitomo Metal Industries, Ltd.</td></tr> <tr><td style="padding: 5px;">Street Address:</td><td style="padding: 5px;">5-33, Kitahama 4-chome</td></tr> <tr><td style="padding: 5px;">Internal Address:</td><td style="padding: 5px;">Chuo-ku, Osaka-shi</td></tr> <tr><td style="padding: 5px;">City:</td><td style="padding: 5px;">Osaka</td></tr> <tr><td style="padding: 5px;">State/Country:</td><td style="padding: 5px;">JAPAN</td></tr> <tr><td style="padding: 5px;">Postal Code:</td><td style="padding: 5px;">541-0041</td></tr> </table>	Name:	Sumitomo Metal Industries, Ltd.	Street Address:	5-33, Kitahama 4-chome	Internal Address:	Chuo-ku, Osaka-shi	City:	Osaka	State/Country:	JAPAN	Postal Code:	541-0041	
Name:	Sumitomo Metal Industries, Ltd.												
Street Address:	5-33, Kitahama 4-chome												
Internal Address:	Chuo-ku, Osaka-shi												
City:	Osaka												
State/Country:	JAPAN												
Postal Code:	541-0041												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%; padding: 5px;">Name:</td><td style="padding: 5px;">Vallourec Mannesmann Oil & Gas France</td></tr> <tr><td style="padding: 5px;">Street Address:</td><td style="padding: 5px;">54, Rue Anatole France</td></tr> <tr><td style="padding: 5px;">City:</td><td style="padding: 5px;">Aulnoye-Aymeries</td></tr> <tr><td style="padding: 5px;">State/Country:</td><td style="padding: 5px;">FRANCE</td></tr> <tr><td style="padding: 5px;">Postal Code:</td><td style="padding: 5px;">59620</td></tr> </table>	Name:	Vallourec Mannesmann Oil & Gas France	Street Address:	54, Rue Anatole France	City:	Aulnoye-Aymeries	State/Country:	FRANCE	Postal Code:	59620			
Name:	Vallourec Mannesmann Oil & Gas France												
Street Address:	54, Rue Anatole France												
City:	Aulnoye-Aymeries												
State/Country:	FRANCE												
Postal Code:	59620												
PROPERTY NUMBERS Total: 2													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center; padding: 5px;">Property Type</td> <td style="text-align: center; padding: 5px;">Number</td> </tr> <tr> <td style="padding: 5px;">Patent Number:</td> <td style="padding: 5px;">6045165</td> </tr> <tr> <td style="padding: 5px;">Patent Number:</td> <td style="padding: 5px;">6237967</td> </tr> </table>	Property Type	Number	Patent Number:	6045165	Patent Number:	6237967							
Property Type	Number												
Patent Number:	6045165												
Patent Number:	6237967												
CORRESPONDENCE DATA													
Fax Number:	(202)835-1755												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	202-835-1111												
Email:	mgarton@clarkbrody.com												
Correspondent Name:	CLARK & BRODY												
Address Line 1:	1090 Vermont Avenue, N.W.												
Address Line 2:	Suite 250												

OP \$80.00 6045165

500017508

PATENT
REEL: 015571 FRAME: 0323

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

NAME OF SUBMITTER:

Christopher W. Brody

Total Attachments: 2

source=12001-15 Assignment#page1.tif

source=12001-16 Assignment#page1.tif

7/8
PTP

ASSIGNMENT

WHEREAS, the ASSIGNOR, Sumitomo Metal Industries, Ltd., a Japanese corporation, having a place of business in Osaka, Japan, is the owner of U. S. Patent No. 6,045,165 and in and to the invention therein; and

WHEREAS, the ASSIGNEE, Vallourec Mannesmann Oil & Gas France, a French corporation, having a place of business in France is desirous of acquiring fifty percent of undivided joint interest in, to and under said U.S. patent and the invention therein and of becoming a joint owner of said U.S. patent and

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it know that for good, adequate, and valuable consideration, the receipt of which is hereby acknowledged, the ASSIGNOR hereby sells, assigns and transfer to ASSIGNEE fifty percent of undivided joint interest in the full and exclusive right, title, and interest to said United States Patent No. 6,045,165 and the invention therein for the full term of said Patent and any reissue or extension thereof. The ASSIGNOR hereby keeps the remaining fifty percent interest for itself.

IN WITNESS WHEREOF, the undersigned ASSIGNOR has hereunto set its hand and seal this 9th day of November, 2004.

Sumitomo Metal Industries, Ltd.

By:



Name: Hiroaki MIURA

Title: General Manager of Intellectual
Property Department

732
HJP

ASSIGNMENT

WHEREAS, the ASSIGNOR, Sumitomo Metal Industries, Ltd., a Japanese corporation, having a place of business in Osaka, Japan, is the owner of U. S. Patent No. 6,237,967 and in and to the invention therein; and

WHEREAS, the ASSIGNEE, Vallourec Mannesmann Oil & Gas France, a French corporation, having a place of business in France is desirous of acquiring fifty percent of undivided joint interest in, to and under said U.S. patent and the invention therein and of becoming a joint owner of said U.S. patent and

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it know that for good, adequate, and valuable consideration, the receipt of which is hereby acknowledged, the ASSIGNOR hereby sells, assigns and transfer to ASSIGNEE fifty percent of undivided joint interest in the full and exclusive right, title, and interest to said United States Patent No. 6,237,967 and the invention therein for the full term of said Patent and any reissue or extension thereof. The ASSIGNOR hereby keeps the remaining fifty percent interest for itself.

IN WITNESS WHEREOF, the undersigned ASSIGNOR has hereunto set its hand and seal this 9th day of November, 2004.

Sumitomo Metal Industries, Ltd.

By:



Name: Hiroaki MIURA

Title: General Manager of Intellectual
Property Department