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U.S. DEPARTMENT OF COMMERCE
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TH0861N

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Early Baggett DENISON - February 19, 1998 David Wayne MCMILLAN - February 23, 1998 Richard Bruce MCDANIEL - February 23, 1998 Additional name(s) of conveying party(ies) attached? Yes No	2. Name and address of receiving party(ies): Shell Oil Company P. O. Box 2463 910 Louisiana Houston, Texas 77252-2463
3. Nature of Conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: February 19 & 23, 1998	Additional name(s) & address(es) attached? [Yes [No
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).08/899,499	B. Patent No(s).
Additional numbers attached? ☐ Yes ☑ No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Mark A. Smith Shell Oil Company Intellectual Property P.O. Box 2463 910 Louisiana Houston, Texas 77252-2463	
	7 . Total fee (37 CFR 3.41):
	☐ Enclosed ☑ Authorized to be charged to deposit account
	8. Deposit account number: 19-1800
/2000 DMGUYEN 00000113 191800 08899499	(Attach duplicate copy of this page if paying by deposit account)
F :581 40.00 CH 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. Mark A. Smith	
Total number of pages including cover sheet, attachments, and document: 3	
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I hereby certify that this correspondence is being deposited with the United States Bostal Service at First class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington D.C. 20231 on

PATENT REEL: 010590 FRAME: 0104



ASSIGNMENT

WHEREAS, We, EARLY BAGGETT DENISON, DAVID WAYNE McMILLAN, and RICHARD BRUCE McDANIEL, have made a certain improvement in VORTEX INDUCED VIBRATION PROTECTION FOR DEEPWATER DRILLING RISERS for which application papers for United States Patent thereon, identified as TH-0861X (US), have been executed by us, on the Harday of February, 1998, on the 33 day of Harday, 1998, and on the 33 day of Harday, 1998.

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said SHELL OIL COMPANY, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of SHELL OIL COMPANY or whomsoever that company may nominate, and to claim the priority of the abovenamed United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of SHELL OIL COMPANY to execute such separate deed to SHELL OIL COMPANY or to whomsoever that company may nominate.

And we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

PATENT REEL: 010590 FRAME: 0105 Serial No: 08/899,499 Filing Date: July 19, 1997

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And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to SHELL OIL COMPANY.

IN TESTIMONY WHEREOF, we have hereunto subscribed our names

this 19th day of February, 1998, at Houston, IA; this 2300 day of February, 1998, at Houston, TX; and this 2310 day of February, 1998, at Houston TX.

Witnesses:

Jos 71. Thomas

City shit

EARLY BAGGETT DENISON

DAVID WAYNE McMILLAN

RICHARD BRUCE McDANIEL

RECORDED: 02/02/2000

PATENT REEL: 010590 FRAME: 0106