FORM PTO-1595

(Rev. 10/02)



04-08-2004



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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 58286-018 PATENTS ONLY							
To the Honorable Commissioner for Patent	s and Trademarks: Ple	ase record th	ne attached original documents of	or copy thereto:			
1. Name of Conveying Party(ies):			2. Name and address of receiving party(ies):				
Lorraine M. LAFRENIERE, David H. SURGNIER			THE UNIVERSITY OF CHIC	CAGO			
		Address:	5801 South Ellis Avenue,				
Additional name(s) of conveying party(ies) attached? Yes No			Chicago, Illinois 60637				
3. Nature of Conveyance:							
	erger						
Security Agreement Ch	ange of Name						
Other							
Execution Date: March 5, March 5, 2004							
		Additional	name(s) & address(es) attached	? Yes No			
4. Application number(s) or patent number(s):							
If the document is being filed together with a new application, the execution date of the application is:							
A. Patent Application No(s).			No(s).				
10/235,532, filed September 6, 2002							
Additional numbers attached?							
5. Name and address of party to whom correspondence			mber of applications and patent	s involved:			
concerning document should be mailed:							
Name: MCDERMOTT, WILL & EMERY			e (37 CFR 3.41)	\$40.00			
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9. Statement and signature.		······································					
To the best of my knowledge and belief,	the foregoing informa	tion is true d	and correct and any attached co	py is a true copy			
of the original document.	, , , , , , , , , , , , , , , , , , , ,		, , , , , , , , , , , , , , , , , , ,				
-	<u>"L</u>		/				
Lawrence T. Cullen, 44,489	3	21	A	pril 5, 2004			
Name and Registration No. of Person Signing	5	Signature		Date			
- 7			f pages including cover sheet:	2			
OMB No. 0651-0027 (exp. 6/30/2005)							
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04/07/2004 LHUELLER 00000137 500417 10235532 40.00 DA

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PATENT REEL: 015172 FRAME: 0281

ASSIGNMENT

We, Lorraine M. LaFreniere of Joliet, Illinois and David H. Surgnier of Ada, Oklahoma, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto THE UNIVERSITY OF CHICAGO, an Illinois corporation, organized under the laws of the State of Illinois, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the DIRECT PUSH DRILLING SWIVEL AND METHOD FOR ITS USE, ANL Case No. ANL-IN-01-091, Attorney Docket No. 58286-018, filed in the U.S. Patent and Trademark Office on September 6, 2002, and assigned Serial No. 10/235,532, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UNIVERSITY OF CHICAGO, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to said UNIVERSITY OF CHICAGO, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

Dated:	n	Luch	5	معد	¥
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STATE OF ILLINOIS

COUNTY OF WILL

On this 5 day of Warch, 2004, before me a Notary Public in and for the County and State aforesaid, appeared the above named persons, who are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed same instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

RECORDED: 04/05/2004

PATENT REEL: 015172 FRAME: 0282