Form PTO-1595 (Rev. 03/05) CMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE
	United States Patent and Trademark Office
PATEN	ITS ONLY 18103-22 of a
To the Director of the U.S. Patent and Trademark Office: Ple	ease record the attached documents or the new address(es) below.
1. Name of conveying party(les)	2. Name and address of receiving party(ies)
Robbins & Fnercy Supplies	Name Morgan Trust Company, N.A.,
Andrey Dystems, L.P.	Internal Address: as agent
Additional name(s) of conveying party(les) attached? Yes X	
3. Nature of conveyance/Execution Date(s):	Street Address: 227 W. Monroe
Execution Date(s) December 23, 2005	Officer Address: 227 W. Monroe
Assignment Merger	
X Security Agreement . Change of Name	City: Chicago
☐ Joint Research Agreement	State: IL
Government Interest Assignment	County
Executive Order 9424, Confirmatory License Other	Country: USA Zip: 60606
4 Application as a second	Additional name(s) & address(es) attached? Yes X No
A. Patent Application No.(s)	document is being filed together with a new application
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	B. Patent No.(s)
	_
5. Name and address to whom correspondence	
concerning document should be mailed:	6. Total number of applications and patents involved: 58
Name: Laura Konrath	
Internal Address: Winston & Strawn LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 2,320
	Authorized to be charged by credit card
Street Address: 35 W. Wacker Dr.	X Authorized to be charged to deposit account Enclosed
	None required (government interest not affecting title)
City: Chicago	8. Payment Information
State: IL Zip: 60601	a. Credit Card Last 4 Numbers n/A
Phone Number: (312) 558-6352	Expiration Date
Fax Number: (312) 558-5700	b. Deposit Account Number 232428
Email Address: 1konrath@winston.com	Authorities at the same of the
9. Signature:	Autronzed User Name Louid Qual
	3/27/06
/ Signature /Konrath	Date
Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:
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Continuation SCHEDULE A I EM

## ROBBINS & MYERS ENERGY SYSTEMS L.P.

Country	Assignee	<u>Title</u>	Patent/ WIPO No.
United States	Robbins & Myers Energy Systems L.P.	Insulating Union and Method	4605248
United States	Robbins & Myers Energy Systems L.P.	Quick-Connect Hose Coupling (Stay Tight Coupler)	4643459
United States	Robbins & Myers Energy Systems L.P.	Inverted Cone Stuffing Box - Reexam	4560176
United States	Robbins & Myers Energy Systems L.P.	Helical Rod Guide	5277254
United States	Robbins & Myers Energy Systems L.P.	Field Installable Rod Guide and Method (Spin-Thru)	5339896
United States	Robbins & Myers Energy Systems L.P.	Field Installable Rod Guide and Method	5873157
United States	Robbins & Myers Energy Systems L.P.	Low Turbulence Rod Guide (NETB)	5115863
United States	Robbins & Myers Energy Systems L.P.	Wellhead Flange for Interconnecting a Threaded Wellhead and a Flanged BOP (Field Reparable Drilling Flange)	5492373
United States	Robbins & Myers Energy Systems L.P.	Rod Guide Gauge-Design	362,196D
United States	Robbins & Myers Energy Systems L.P.	Extended Wear Rotating Rod Guide and Method (Metal Sleeve Guide)	5755284



Country	Assignee	<u>Title</u>	Patent/ WIPO No.
United States	Robbins & Myers Energy Systems L.P.	Field Installed Slotted Rod Guide and Method (Double Hit)	5549158
United States	Robbins & Myers Energy Systems, L.P.	Oilfield Stuffing Box with Polished Rod Alignment (Misaligning Stuffing Box)	5711533
United States	Robbins & Myers Energy Systems L.P.	Independent Screwed Wellhead with High Pressure Capability (LM Series)	5605194
United States	Robbins & Myers Energy Systems L.P.	Stuffing Box with Improved Packing Rings and Method (Stuffing Box With Dome Packing)	5622371
United States	Robbins & Myers Energy Systems L.P.	Stuffing Box with Improved Packing Rings and Method - Continuation	5845909
United States	Robbins & Myers Energy Systems L.P.	Rod Guide with Enhanced Erodable Volume (Condor)	5492174
United States	Robbins & Myers Energy Systems L.P.	Snap-On Rod Guide (Polyguide)	5494104
United States	Robbins & Myers Energy Systems L.P.	Well Pump Tubing Scrapers Combination System Improvement)	5452760
United States	Robbins & Myers Energy Systems L.P.	Integral Blowout Preventer and Flow Tee (ITBOP)	5617917
United States	Robbins & Myers Energy Systems L.P.	Well Rod Centralizer/Centralizer Stop Interface with Wear Reducing Surface (Megalobal)	5727627
United States	Robbins & Myers Energy Systems, L.P.	Well Rod Centralizer/Centralizer Stop Interface with Wear Reducing Surface	5692562
United States	Robbins & Myers Energy Systems L.P.	Rod Guide (Stealth)	5358041



Country	Assignee	<u>Title</u>	Patent/ WIPO No.
United States	Robbins & Myers Energy Systems L.P.	Centralizer (Trilobal)	5247990
United States	Robbins & Myers Energy Systems L.P.	Rod Guide with Both High Erodible Wear Volume and By- Pass Area (Wagon Wheel)	6065537
United States	Robbins & Myers Energy Systems L.P.	Method of Making a Rod Guide with Both High Erodible Wear Volume and By-Pass Area - Divisional	6312637
United States	Robbins & Myers Energy Systems L.P.	Stuffing Box Gland	5865245
United States	Robbins & Myers Energy Systems L.P.	Automated Sucker Rod Cleaning Apparatus	4877386
United States	Robbins & Myers Energy Systems L.P.	Unitized Instrument Manifold (Space Mount)	4879912
United States	Robbins & Myers Energy Systems L.P.	Coupling with Improved Elastomeric Face Seal (Stay Tight Improvements)	4886303
United States	Robbins & Myers Energy Systems L.P.	Non-Crushing Wellhead (LM Series)	5028079
United States	Robbins & Myers Energy Systems L.P.	Rod Guide (Lotus with Beveled Ends and Edges)	4575163
United States	Robbins & Myers Energy Systems L.P.	Rod Centralizer (Two Piece FIG with a Shim)	4589483
United States	Robbins & Myers Energy Systems L.P.	Well Tool (Tool Joint Wear Sleeve)	4380347
United States	Robbins & Myers Enegy Systems, L.P.	Wellhead with Improved ESP Cable Pack-Off for Low Pressure Applications	6530433



**PATENT** 

Country	Assignee	<u>Title</u>	Patent/ WIPO No.
United States	Robbins & Myers Energy Systems, L.P.	Threaded Closure	6663149
United States	Robbins & Myers Energy Systems L.P.	Wellbore Annulus Packer Apparatus and Method	6386292
United States	Robbins & Myers Energy Systems L.P.	Integral Tubing Head and Rotator	6026898
United States	Robbins & Myers Energy Systems L.P.	Rotating Rod String Position Adjusting Device	5653290
United States	Robbins & Myers Energy Systems L.P.	Coupling Device for a Drive Assembly	6095241
United States	Robbins & Myers Energy Systems L.P.	Tubing Rotator and Hanger	5427178
United States	Robbins & Myers Energy Systems L.P.	Method and Device for Threaded Closure of Pipelines or Vessels	6742957
United States	Robbins & Myers Energy Systems L.P.	Threaded Closure - CIP	6786670
United States	Robbins & Myers Energy Systems, L.P.	Threaded Closure with Chain Binder	6685380
United States	Robbins & Myers Energy Systems L.P.	Closure for a Pressure Vessel and Method - CIP	Serial No. 10/252,300
United States	Robbins & Myers Energy Systems L.P.	Closure for a Pressure Vessel and Method - RCE	Serial No. 10/188,558
United States	Robbins & Myers Energy Systems L.P.	Closure for a Pressure Vessel and Method - Continuation	Serial No. 11/088,401





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PATENT

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Country	Assignee	<u>Title</u>	Patent/ WIPO No.
United States	Robbins & Myers Energy Systems L.P	Retrievable Downhole Pumping System	Serial No. 11/248,070

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## GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, Robbins & Myers Energy Systems, L.P., a Texas limited partnership (the "Grantor") with principal offices at 10586 US Highway 75 North, Willis, Texas, 77378, hereby assigns and grants to J. P. Morgan Trust Company, National Association, as Collateral Agent, with offices at 227 W. Monroe Street, Suite 2600, Chicago, Illinois, 60606 (the "Grantee"), a security interest in (i) all of the Assignor's rights, title and interest in and to the United States patents (the "Patents") set forth on Schedule A attached hereto, in each case together with (ii) all Proceeds (as such term is defined in the Security Agreement referred to below) and products of the Patents, and (iii) all causes of action arising prior to or after the date hereof for infringement of any of the Patents or unfair competition regarding the same.

THIS GRANT is made to secure the satisfactory performance and payment of all the Secured Obligations of the Grantor, as such term is defined in the Security Agreement among the Grantor, the other assignors from time to time party thereto and the Grantee, dated as of December 23, 2005 (as amended, modified, restated and/or supplemented from time to time, the "Security Agreement"). Upon the occurrence of the Termination Date (as defined in the Security Agreement), the Grantee shall execute, acknowledge, and deliver to the Grantor an instrument in writing releasing the security interest in the Patents acquired under this Grant.

This Grant has been granted in conjunction with the security interest granted to the Grantee under the Security Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are as set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the 230 day of December, 2005.

ROBBINS & MYERS ENERGY SYSTEMS, L.P., as Grantor

By: Robbins & Myers Energy Systems, Inc., as general partner

By:

Title:

J. P. MORGAN TRUST COMPANY, NATIONAL ASSOCIATION, as Collateral Agent and Grantee

Ву: \_\_\_\_

Name:

Title:

[Signature Page to Grant of Security Interests in U.S. Patents]

Winston & Strawn

ROBBINS & MYERS ENERGY SYSTEMS, L.P., as Grantor

By: Robbins & Myers Energy Systems, Inc., as general partner

By: Name:
Title:

J. P. MORGAN TRUST COMPANY, NATIONAL ASSOCIATION, as Collateral Agent and Grantee

By: Janes OFORGE N. REAVES

Title:

VICE PRESIDENT

[Signature Page to Grant of Security Interests in U.S. Patents]

STATE OF OHID SS:

Notary Public

MARY MANOVICH Altorney of Law Notary Public State of Onio My Commission has no employees disks. Section 147 OS Q. E. S.

[Signature Page to Grant of Security Interests in U.S. Patents]

## SCHEDULE A

## ROBBINS & MYERS ENERGY SYSTEMS L.P.

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United States	Robbins & Myers Energy Systems L.P.	Closure for a Pressure Vessel and Method - Continuation	Serial No. 11/088,401



Country	Assignee	<u>Title</u>	Patent/ <u>WIPO No.</u>
United States	Robbins & Myers Energy Systems L.P.	Tubing Rotator	6834717
United States	Robbins & Myers Energy Systems L.P.	Downhole Pumping System	6695060
United States	Robbins & Myers Energy Systems L.P.	Progressive Cavity Pump/Motor	6881045
United States	Robbins & Myers Energy Systems L.P.	Progressive Cavity Pump/Motor - Divisional	Serial No. 11/027,062
United States	Robbins & Myers Energy Systems L.P.	Pressure Responsive Safety Interlock (Pressure Interlock Valve)	4589566
United States	Robbins & Myers Energy Systems L.P.	Field-Installable Rod Guide	Serial No. 10/883,140
United States	Robbins & Myers Energy Systems L.P.	Wellbore Evaluation System and Method	Serial No. 10/853,592
United States	Robbins & Myers Energy Systems L.P.	Wellbore Evaluation System and Method - Divisional	74.
United States	Robbins & Myers Energy Systems L.P.	High Pressure Closure	Serial No. 10/839,076
United States	Robbins & Myers Energy Systems L.P.	Progressing Cavity Pump or Motor	Serial No. 10/845,951
United States	Robbins & Myers Energy Systems L.P.	Tubing Rotator	Serial No. 11/101,824
United States	Robbins & Myers Energy Systems L.P.	Helical Rod Guide and Method	Serial No. 11/270,672



**PATENT** 

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Country	<u>Assignee</u>	<u>Title</u>	Patent/ WIPO No.
United States	Robbins & Myers Energy Systems L.P.	Retrievable Downhole Pumping System	Serial No. 11/248,070

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PATENT REEL: 017379 FRAME: 0857

**RECORDED: 03/28/2006** 

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