PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2713117

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONV	YEYANCE:	ASSIGNMENT		
CONVEYING PART	Ύ DATA			
		Name	Execution Date	
TONY R. MORRISON			12/02/2013	
DAVID MILTON ESLINGER			11/26/2013	
KEAN WEE CHEAH			11/27/2013	
LYE HENG SAM CHANG			11/27/2013	
RAJU EKAMBARAM			11/27/2013	
NARAYANAN LAK	SHMANAN		11/27/2013	
RECEIVING PARTY DATA Name: Schlumberger Technology Corporation				
Street Address:	300 Schlumberge			
City:	Sugar Land			
State/Country:		TEXAS		
Postal Code:		77478		
PROPERTY NUMB Property Application Numbe	Туре	Number 71653		
CORRESPONDENC				
Fax Number: Phone: Email: <i>Correspondence wi</i> Correspondent Nan Address Line 1: Address Line 2: Address Line 4:	<i>ill be sent via US Maii</i> ne: SCHLUN WESTEI ROOM 3	5321 na1@exchange.slb.com <i>when the email attempt is unsuccessful.</i> IBERGER - COE RNGECO 10001 RICHMOND AVE.		
ATTORNEY DOCK	ET NUMBER:	IS13.3149USNP ASSIGNMENT		
502666509		R	PATENT EEL: 032140 FRAME: 0264	

NAME OF SUBMITTER:	SETSUKO KAWASHIMA
Signature:	/Setsuko Kawashima/
Date:	02/04/2014
Total Attachments: 9 source=IS133149USNP_Assignment#page source=IS133149USNP_Assignment#page source=IS133149USNP_Assignment#page source=IS133149USNP_Assignment#page source=IS133149USNP_Assignment#page source=IS133149USNP_Assignment#page source=IS133149USNP_Assignment#page source=IS133149USNP_Assignment#page	2.tif 3.tif 4.tif 5.tif 6.tif 7.tif 8.tif

Assignment

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors" each said Inventor's address being listed below:

Tony R. Morrison, a citizen of the United States of America, residing at 700. State St., Caney, Kansas, 67333 USA;

David Milton Eslinger, a citizen of the United States of America, residing at 15718 N 102nd E Avenue, Collinsville, Oklahoma 74021, USA;

Kean Wee Cheah, a citizen of Malaysia, residing at Blk 18, Bedok South Road, #12-49, Singapore 460018 Singapore;

Lye Heng Sam Chang, a citizen of Singapore, residing at 2B Hong San Walk. #12-05. Singapore 689048 Singapore;

Raju Ekambaram, a citizen of India, residing at Block 756, Jurong West Street 74, #10-62, Singapore 640756 Singapore;

and

Narayanan Lakshmanan, a citizen of India, residing at Block 329 Bukit Batok Street 33, #08-07, Singapore 650329 Singapore;

Has/have invented certain new and useful improvements in

CENTRIFUGAL PUMP STAGE WITH INCREASED COMPRESSIVE LOAD CAPACITY

as described and set forth in an application for Letters Patent of the United States of America, filed on February 3, 2014 under Attorney Docket No. IS13.3149 US NP assigned serial # 14/171653. This assignment is effective as of February 3, 2014.

AND WHEREAS, the "COMPANIES", listed in Schedule A, are desirous of acquiring or confirming their acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore as outlined in Schedule A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **COMPANIES**, their successors and assigns.

AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said **COMPANIES**, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said **COMPANIES**, their successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

Docket Number IS13.3149 US NP

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this ______ day of $\underline{\mathcal{December}}$, 201 $\underline{\mathcal{3}}$.

Jony A. Manison Inventor's Name: Tony R. Morrison Signature _____

Witnesses:

OKLAHOMA State of County of WAShington

1

12/2/13

Date:

agh I mile Name:

Notary Public

SEAL



Signature

- Charter

Inventor's Name: David Milton Eslinger

Witnesses:

State of OKLAHOMA County of WAShington

11/26/13

Date:

Sach I Mille Name:

Notary Public

SEAL



Docket Number IS13.3149 US NP

	Signature		<u></u>	
		Invento	r's Name: Kean Wee Cheah	
Witnesses:				
Signature	- Claran		05-12-2013	
ame:	CHAN CHIN FEI	Date:		
ddress:	POTONG PASIA AVE 3			•••••
	<u></u>			
	Singapore 35014)			
ignature			6111 Dec 2013	
ame:	NED CHEE TIONG, KELVIN	Date:		
ddress:	HOUGONG AVE & THOR MOT	<u>~ 7</u> 105 - 16	09	
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v i ESTIM V ti	ONY WHEREOF, I have duly exc 201 3. Signatu	
		Inventor's Name: Lye Heng Sam Chang
Vitnesses: lignature	(Jane -	05-12-2013
ame:	CHAN CHIN FEI	$\frac{0.5-12}{2000}$
ddress:	POTONG PASTR AVE3 BIK 142 #12-238 Singapore 350142	
ignature	Kilino	6th dec 2013
ante: ddress;	<u>NEO CHEE TIONG KE</u> <u>BLK 445 HOUGANG AVE 3</u> 105-1609 S(530445)	<u></u> Date:

PATENT REEL: 032140 FRAME: 0271

			Docket Number IS13.3149 US NP
N TESTIM	N	ed this As	signment on this day of
	Signature	Invento	r's Name: Raju Ekambaram
Vitnesses:			
ignature	Quy		05-12-2013
ame:	CHAN (HIN FEI	Date:	
ddress:	POTONG PASTR AVE 3 B1K 142 #12-238		
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gnature	Kelma		6th Dec 2013
ame:	NED CHEE TIONG KELVIN	Date:	
ddress:	BIK 495 HOUGANG AVE 8 #05-1609 S(530445)		
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PATENT REEL: 032140 FRAME: 0272

Docket Number IS13.3149 US NP

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Witnesses:				
Signature	an		05-12-2013	
Name:	CHAN CHIN FEI	Date:		·····
Address:	POTONG PASER AVE 3			
	<u>Bik 142 #12-238</u>			
	<u>Sincropole 350142</u>			
Signature	Kelon-		6th Dec 2013	
Name:	NED CITE TONG, KEWIN	Date:		
Address:	RIK 445 HOUGANG AVE S			
	#05-1609 5(530445)			

Schedule A

"COMPANIES"

SCHLUMBERGER TECHNOLOGY CORPORATION

<u>Corporation of</u>: United States of America <u>Located at</u>: 300 Schlumberger Drive, Sugar Land, Texas 77478 U.S.A. <u>Assignee for applications in</u>: United States of America

SCHLUMBERGER CANADA LIMITED

<u>Corporation of:</u> Canada <u>Located at:</u> 525-3rd Avenue S.W., Calgary, Alberta, Canada T2P 0G4 <u>Assignee for applications in</u>: Canada

SERVICES PETROLIERS SCHLUMBERGER

<u>Corporation of</u>: France <u>Located at</u>: 42 rue Saint Dominique, 75007 Paris, France <u>Assignee for applications in</u>: France

SCHLUMBERGER HOLDINGS LIMITED

<u>Corporation of</u>: British Virgin Islands <u>Located at</u>: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands <u>Assignee for applications in</u>: Japan, The Netherlands, United Kingdom

SCHLUMBERGER TECHNOLOGY B.V.

Corporation of: the Netherlands

Located at: Parkstraat 83-89, 2514 JG The Hague, The Netherlands

<u>Assignee for applications in</u>: Albania, Argentina, Australia, Austria, Azerbaijan, Brunei, Bulgaria, Chile, Colombia, Croatia, Cyprus, Czech Republic, Denmark, Egypt, Equatorial Guinea, Falkland Islands, Faroe Islands, Georgia, Germany, Greece, Greenland, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Kenya, Korea, Kuwait, Lithuania, Madagascar, Malaysia, Mexico, New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Suriname, Switzerland, Tanzania, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, Uruguay, Uzbekistan, Venezuela.

PRAD RESEARCH AND DEVELOPMENT LIMITED

<u>Corporation of:</u> British Virgin Islands <u>Located at</u>: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands

Assignee for applications in: Eurasia, Gulf Cooperation Council, and Countries not otherwise listed.