502018855 08/08/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the name of the fourth inventor, Shiniki Otsu previously recorded on Reel 026271 Frame 0292. Assignor(s) hereby confirms the fourth inventor's name should be: Shinki Ohtsu.

CONVEYING PARTY DATA

Name	Execution Date
TETSUHIRO HARADA	04/18/2011
TOMOMASA NISHIKAWA	04/18/2011
KAZUTAKA IWATA	04/18/2011
SHINKI OHTSU	04/18/2011
NOBUHIRO TAKANO	04/18/2011

RECEIVING PARTY DATA

Name:	HITACHI KOKI CO., LTD.
Street Address:	15-1, KONAN 2-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	108-6020

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12991424

CORRESPONDENCE DATA

Fax Number: 4155760300 **Phone**: (415) 576-0200

Email: wchinn@kilpatricktownsend.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Babak Kusha

Address Line 1: Two Embarcadero Center, 8th Floor
Address Line 2: Kilpatrick Townsend & Stockton LLP
Address Line 4: San Francisco, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER: 92870-794967 (000300US)

PATENT
REEL: 028753 FRAME: 0700

\$40,00 12991424

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NAME OF SUBMITTER:	Babak Kusha
Total Attachments: 7	
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PATENT REEL: 028753 FRAME: 0701 BABAK KUSHA COMPANY: 2 EMBARCADERO CENTER, 8TH FLOOR:

PATENT ASSIGNMEN	PA	T	EN	T	ASSI	GNN	1EN	Ī٦
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Electronic Version v1.1 Stylesheet Version v1.1 05/12/2011 501529994

SUBMISSION TYPE:	NEW ASSIGNMENT	· ·
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Tetsuhiro Harada	04/18/2011
Tomomasa Nishikawa	04/18/2011
Kazutaka lwata	04/18/2011
Shiniki Otsu	04/18/2011
Nobuhiro Takano	04/18/2011

RECEIVING PARTY DATA

Name:	Hitachi Koki Co., Ltd.		
Street Address:	15-1, Konan 2-chome	·	
City:	Minato-ku, Tokyo		
State/Country:	JAPAN		
Postal Code:	108-6020		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12991424	

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ATTORNEY DOCKET NUMBER:

92870-794967

NAME OF SUBMITTER:

Babak Kusha

Total Attachments: 2

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REEL: 028753 FRAME: 0702

Fax Server

PATENT

92870-794967

Attorney Docket No.:

Client Ref.: <u>H07-279156/TBS</u>

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Tetsuhiro HARADA of Ibaraki, Japan;

Tomomasa NISHIKAWA of Ibaraki, Japan

Kazutaka IWATA of Ibaraki Japan

Shinki OHTSU Ibaraki, Japan; and

Nobuhiro TAKANO of Ibaraki, Japan:

hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: OIL PULSE TOOL

Date(s) of Execution:

April 18, 2011; April 18, 2011; April 18, 2011;

April 18, 2011 and April 18, 2011

Int'l Appln. No.:

PCT/JP2009/059022

Int'l Filing Date:

May 8, 2009

U.S. Application No.:

12/991,424

: and

WHEREAS, Hitachi Koki Co., Ltd. of 15-1, Konan 2-chome, Minato-ku. Tokyo 108-6020 Japan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignce's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignce lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignce, or Assignce's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

PATENT REEL: 028753 FRAME: 0703

Assignment
Attorney Docket No.: 92870-794967
Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: April 18, 2011	Tetsuhiro Harada Tetsuhiro HARADA
Dated: April 18, 2011	Jononesa Nichipawa Tomomasa NISHIKAWA J. N. opril 18.2011
Dated: April 18, 2011	Jonamesa Rishifawa Hazutake Iwato Kazutaka IWATA
Dated: April 18, 2011	Shinki Ohteu Shinki OHTSU
Date - 4	Charling Thomas

Nobuhiro TAKANO

Page 2 of 2

RECORDED: 08/08/2012