502155408 12/08/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroyuki SAKAI	11/15/2012
Kazutoshi YOSHIDA	11/07/2012
Norihiro MAEZATO	11/05/2012

RECEIVING PARTY DATA

Name:	MEIDENSHA CORPORATION
Street Address:	1-1, Osaki 2-chome, Shinagawa-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	141-0032

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13702906

CORRESPONDENCE DATA

Fax Number: 2026725399

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-672-5300
Email: rfeimster@foley.com

Correspondent Name: Glenn Law

Address Line 1: FOLEY & LARDNER LLP Suite 500

Address Line 2: 3000 K Street, N.W.

Address Line 4: Washington, DISTRICT OF COLUMBIA 20007

ATTORNEY DOCKET NUMBER:	081909-0157
NAME OF SUBMITTER:	Renell G. Feimster for Glenn Law

Total Attachments: 2

source=Assignment#page1.tif source=Assignment#page2.tif

> PATENT REEL: 029431 FRAME: 0156

OF \$40.00 13/02906

U.S. Rights - Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee	MEIDENSHA Co 1-1, Osaki 2-chor Tokyo 141-0032	ne, Shinagawa-ku,	
	(hereinafter ASSIGNEE) all right, title an possessions in and to his invention relating	d interest for the United Sta	tes, its territories and
title of invention	SHAFT CONNECTION STRUCTURE	E AND SHAFT CONNECT	ION METHOD
	as set forth in his/her United States Paten	t Application	
check one	in and to said United States Patent continuations and Convention application upon said application, including the right the world in respect to the invention and for the Protection of Industrial Property country which may issue on any such apprecissues, reexaminations, or extensions, successors, legal representatives and assign and all such Letters Patent may be grand enjoyed by the undersigned had this A Each of the undersigned he Patents and Trademarks to issue any ar successors or assigns in accordance herew Each of the undersigned vunencumbered right to sell and assign the has not executed and will not execute any Each of the undersigned for request of said ASSIGNEE, its success communicate to said ASSIGNEE, its information known to him/her relating to will execute and deliver any papers, mak and perform all other lawful acts deemed successors, legal representatives or assapplication including divisions and continuing maid ASSIGNEE, its successors, or asslegal representatives or assigns in obtain United States for said invention;	011/063373 Filed June 102, 906 December the Application including an insum to make applications for Let to claim priority under the Ire, and in and to any and all dication or for said invention to be held and enjoyed by gns to the full end of the teanted as fully and entirely as assignment not be made; are by authorizes and requested all such Letters Patent to with; warrants and covenants that the interests herein sold and as document or instrument in author covenants and agrees successors, legal representatives as successors, legal representatives and invention or patent apple all rightful oaths, testify in a control of the covenants and to any including reissues, reexamigns or to assist said ASSIC anny, reissuing or enforcing are by grants the firm of Fole are to make applications.	y and all divisions on the said invention of the said invention of the said invention of the said ASSIGNEE, its said ASSIGNEE, its said ASSIGNEE, its she/she has the full and saigned and that he/she conflict herewith; that at any time upon or assigns he/she will tatives or assigns all lication and that he/she hand legal proceedings y said ASSIGNEE, its and all Letters Patent inations, or extensions, SNEE, its successors, a Letters Patent of the
names and signatures of	Name: Hiroyuki Sakai	0/2Name: Kazutoshi Yo	date oshida
inventors	date		date
	Name: Norihiro Maezato	Name:	

PATENT REEL: 029431 FRAME: 0157

ASSIGNMENT

PIZMED OBBUS

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and	MEIDENSHA CORPORATION	
address of assignee	1-1, Osaki 2-chome, Shinagawa-ku, Tokyo 141-0032 Japan	
	(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to	
title of invention	SHAFT CONNECTION STRUCTURE AND SHAFT CONNECTION METHOD	
	as set forth in his/her United States Patent Application	
check one	 () executed concurrently herewith () executed on	
names and	Name: Hiroyuki Sakai Name: Kazutoshi Yoshida	
signatures of	Name: Hiroyuki Sakai Name: Kazutoshi Yoshida	
inventors	northiro margato date 1/5/2012 date	
	Name: Norihiro Maezato Name:	

RECORDED: 12/08/2012

PATENT REEL: 029431 FRAME: 0158