503811135 05/04/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TETSUHISA TAKAZANE	07/29/2015

RECEIVING PARTY DATA

Name:	FANUC CORPORATION
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14868796

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NAME OF SUBMITTER:	ROBERT A. ESPOSITO
SIGNATURE:	/Robert A. Esposito/
DATE SIGNED:	05/04/2016

Total Attachments: 1

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PATENT REEL: 038452 FRAME: 0805

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert	FANUC CORPORATION						
ÀSSIGNEE's Name(s) Address(es))	3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun,						
	Yamanashi 401-0597, Japan						
	,						
	(hereinafter "ASSIGNEE"), the receipt of transfers to ASSIGNEE the entire and ex	which is hereby acknowledged, the ukclusive right, title and interest to the	ndersigned ASSIGNOR hereby sells, assign invention entitled	ns and			
(Title of Invention)	LASER OSCILLAT	OR FOR IMPROVI	NG BEAM QUALITY				
	relating to International Patent Applicate of the United States was executed on even	ion PCT/JP/ en date herewith or, if not so execute	and/or for which application for Letters d, was:	Patent			
(Insert date of execution of application, if not concurrent)	(a) executed on July 29, 2 (b) filed o <u>September 29,</u> Serial No. 14 / 868, 7	2015 data, when known.	reby authorized to insert in (b) the specified				
	and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").						
	The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.						
	IN WITNESS WHEREOF, the	undersigned inventor(s) has (bave) af	fixed his/her/their signature(s).				
(Signatures)	1) Totauhisa Tahagane (SIGNATURE)	Tetsuhisa Takazane	July 29, 2015 (DATE)				
	(SIGNATORE)	(Live Name)	(rw.t.p)				
•	2)(SIGNATURE)	(TYPE NAME)	(DATE)				
	3)(SIGNATURE)	(TYPE NAME)	(DATE)				
	4)(SIGNATURE)	(TYPE NAME)	(DATE)				
	5)(SIGNATURE)	(TYPE NAME)	(DATE)				
	6)(SIGNATURE)	(TYPE NAME)	(DATE)				

(TYPE NAME)

(TYPE NAME)

PATENT REEL: 038452 FRAME: 0806

(DATE)

(DATE)

RECORDED: 05/04/2016

(SIGNATURE)

(SIGNATURE)