505178491 11/07/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUTOMO KADOKURA	09/07/2018
MAMORU HISAMITSU	09/10/2018
KAZUYA INOUE	09/10/2018
RYOSUKE NISHI	09/07/2018

RECEIVING PARTY DATA

Name:	SHIMADZU CORPORATION
Street Address:	1 NISHINOKYO-KUWABARACHO, NAKAGYO-KU, KYOTO-SHI,
City:	куото
State/Country:	JAPAN
Postal Code:	6048511

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16098445

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	80439-US-430-PCT
NAME OF SUBMITTER:	BELINDA LEE
SIGNATURE:	/Belinda Lee/
DATE SIGNED:	11/07/2018

Total Attachments: 2

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PATENT 505178491 REEL: 047428 FRAME: 0260

ASSIGNMENT

WHEREAS.

1. Kazutomo KADOKURA

3. Kazuva INOUE

Mamoru HISAMITSU

Ryosuke NISHI

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: OPTICAL FIBER LASER MODULE, LIGHTING DEVICE, AND TREATMENT DEVICE

[] Filed:

Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS. SHIMADZU CORPORATION

of 1, NISHINOKYO-KUWABARACHO, NAKAGYO-KU, KYOTO-SHI, KYOTO,

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S 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 Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor 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.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee'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 Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

Forth Joint Inventor: Ryosuke NISHI

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Signature: Kazutomo Kadokura	Date: 7/September, 2018
First Joint Inventor: Kazutomo KADOKURA	
Mamoru Hisamitan Signature:	Date: 10/September /2018
Second Joint Inventor: Mamoru HISAMITSU	
Signature:Kazuya Inouc	Date: 10/September /2018
Third Joint Inventor: Kazuya INOUE	
Signature: Ryosuke Nishi	Date: