503146233 01/22/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3192845

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hao LIU	01/16/2015
Takeo FUJII	01/15/2015

RECEIVING PARTY DATA

Name:	me: TERAL INC.	
Street Address:	treet Address: 230, Moriwake, Miyuki-cho	
City:	Fukuyama-shi, Hiroshima	
State/Country:	Japan	
Postal Code:	7200003	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14416354

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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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Email: email@oliff.com
Correspondent Name: JAMES A. OLIFF
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Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	163798
NAME OF SUBMITTER:	ANGELA M. NOLAN
SIGNATURE:	/Angela M. Nolan/
DATE SIGNED:	01/22/2015

Total Attachments: 2

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PATENT 503146233 REEL: 034786 FRAME: 0485

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Hao LIU	(2)	Takeo FUJII
(1-8)	Legal Name(s)	(3)		(4)	
ć	of Inventor(s)	(5)		(6)	
		(7)		(8)	
		the une	sideration of the sum of one doll dersigned, the receipt and suffici , and hereby does assign, transfe	ency of which are I	r good and vatuable consideration paid to each of hereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9) TERAL INC.			
(10)	Insert Address of Assignee	(10)	0) 230, Moriwake, Miyuki-cho, Fukuyama-shi, Hiroshima 7200003 JAPAN		
		the ent inventi contin	tire right, title and interest for the	e United States of A atent including any and reissue applicat	eirs, successors, assigns and legal representatives, America as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissues invention known as
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	ROTOR		
		(Attor	mey Docket No. 163798),	filed on even date herewith or as
(12)	Alternative Identification for	(12)	U.S. Application Number	14/416,354	
	filed applications	filed	January 22, 2015		

Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also
to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF PLCthe power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that;

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful faise statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	January 16, 2015	Inventor Signature	卷》 浩	(SEAL)
Date	January 15,2015	Inventor Signature	藤井武太	(SEAL)
o Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neithe	This assignment should preferably be signed it, then it should be signed before at least two v	1 before: (a) a Notary Publ ritnesses who also sign her	ic if within the U.S.A. (b) a U.S. Consul if out e:	side the U.S.A. If
Date		Witness		
Date		Witness		