504076147 11/01/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ATSUSHI YAMASHITA	10/18/2016
SOICHIRO IWATAKI	10/18/2016
HAJIME ASAMA	10/18/2016
YUUSHI OSHIKAWA	10/27/2016
TAKASHI NODA	10/24/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15308177

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PATENT REEL: 040186 FRAME: 0738

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ATTORNEY DOCKET NUMBER:	KL-US140844	
NAME OF SUBMITTER:	MITTER: PATRICK A. HILSMIER	
SIGNATURE:	/Patrick A. Hilsmier/	
DATE SIGNED:	11/01/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT REEL: 040186 FRAME: 0739 COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	T. C.		
As the below named inventor, I hereby declare that:			
	This declaration		
is directed to: United States application or PCT international application number PCT/JP2014/072535 filed on August 28, 2014			
The above-i	dentified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
I hereby acknowledge that any willful false 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.			
I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.			
	ASSIGNMENT		
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to The University of Tokyo, having a principle place of business at 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 JAPAN, and KOMATSU LTD., having a principle place of business at 2-3-6, Akasaka, Minato-ku, Tokyo 107-8414 JAPAN, and its successors, assigns, and legal representatives, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue for the United States and all foreign countries (including the right to claim priority under the terms of the International Convention and any other relevant International Treaties and Arrangements from the aforesaid application), in and to any and all improvements that are disclosed in the above-noted application, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that have been or shall be filed in the United States and all foreign countries on any of said improvements. I agree that I will communicate to the assignee or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries. The undersigned hereby grants the firm of Global IP Counselors, LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.			
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)			
Inventor:	Atsushi YAMASHITA Date: (0/18/20/6		
Signature: Atrahi Yamashita			

Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT			
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)			
Inventor: Soichiro IWATAKI	Date: 10/18/2016 (mm/44/2022)		
Signature: Soichiro Lwataki.			
LEGAL NAME OF INVENTOR (Given name FAMILY	NAME)		
Inventor: Hajime ASAMA	Date: 10/18/2016 (mm/dd/www)		
Signature: M. Os area	(mm/ds/yyyy)		
LEGAL NAME OF INVENTOR (Given name FAMILY			
Inventor: Yuushi OSHIKAWA	Date: /0/27/2016 (mm/d/yyyy)		
Signature: Mashill	(mm/cs/yyyy)		
LEGAL NAME OF INVENTOR (Given name FAMILY			
Inventor: Takashi NODA	Date: 10/24/2016		
Signature: 7. h.da	(mmoon)yyy)		
LEGAL NAME OF INVENTOR (Given name FAMIL)	NAME)		
Inventor:	Date :		
Signature:	(mm/dd/yyyy)		
LEGAL NAME OF INVENTOR (Given name FAMIL)	(NAME)		
Inventor:	Date:		
Signature:	(mm/dd/yyyy)		
LEGAL NAME OF INVENTOR (Given name FAMIL)	(NAME)		
Inventor:	Date:		
Signature:			
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)			
Inventor:	Date:(mm/dd/yyyy)		
Signature:	(3000-3333)		

PATENT REEL: 040186 FRAME: 0741

RECORDED: 11/01/2016