PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3030809

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jun KOIZUMI	09/08/2014
Masaaki NIHONMATSU	08/20/2014
Yukiko ENAMI	08/20/2014

RECEIVING PARTY DATA

Name:	Asahi Intecc Co., Ltd.	
Street Address:	1703, Wakita-cho, Moriyama-ku	
City:	Nagoya-shi, Aichi	
State/Country:	Japan	
Postal Code:	ostal Code: 463-0024	
Name:	Tokai University Educational System	
Street Address:	2-28-4 Tomigaya, Shibuya-ku	
City:	Tokyo	
State/Country:	Japan	
Postal Code:	151-8677	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	29502858		

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.

Phone: 703-836-6400 email@oliff.com Email: JAMES A. OLIFF **Correspondent Name: OLIFF PLC** Address Line 1:

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER: 162344 **RYAN GUNNING** NAME OF SUBMITTER:

SIGNATURE: /Ryan Gunning/

PATENT REEL: 033780 FRAME: 0984 502984210

DATE SIGNED: 09/19/2014

Total Attachments: 2
source=162344_Assign#page1.tif
source=162344_Assign#page2.tif

PATENT REEL: 033780 FRAME: 0985

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)	JUB KOIZUMII	(2)	Masaaki Ninonivia 150		
(1-8)	Legal Name(s)	(3)	Yukiko ENAMI	(4)			
	of Inventor(s)	(5)		(6)			
		(7)		(8)			
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignee	(9)	(9) (1) ASAHI INTECC CO., LTD.; (2) TOKAI UNIVERSITY EDUCATIONAL SYSTEM				
(10)	Insert Address of Assignee	(10)	(1) 1703 Wakita-cho, Mor Shibuya-ku, Tokyo 151-86		ni, Aichi 463-0024, Japan; (2) 2-28-4 Tomigaya,		
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	CATHETER				
		(Attor	mey Docket No. 162344),	filed on even date herewith or as		
(12)	Alternative	(12)	U.S. Application Number	29/502,	858		
	Identification for filed applications filed Septer				2014		

- 1) 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 PLC the 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 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.

PATENT REEL: 033780 FRAME: 0986 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	September 8. 214	Inventor Signature	for Morgen?	(SEAL)
Date	August 20, 2014	Inventor Signature	MASAAKI NIHONMATSU	(SEAL)
Date	August 20, 2014	Inventor Signature	Yukiko ENAMI	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		. (SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither	This assignment should preferably be signed; then it should be signed before at least two wi	before: (a) a Notary Put itnesses who also sign he	olic if within the U.S.A. (b) a U.S. Consul if outside there:	e U,S,A, If
Date	Continue	Witness		
. .		WCC-1		