# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MASANORI YOSHIDA	02/06/2015
SHINYA MINATOGUCHI	12/25/2014
MARI DEZAWA	12/24/2014

#### **RECEIVING PARTY DATA**

Name:	CLIO, INC.	
Street Address:	5-5-34, NAKADORI	
Internal Address:	AKITA-SHI	
City:	AKITA	
State/Country:	JAPAN	
Postal Code:	010-0001	
Name:	GIFU UNIVERSITY	
Street Address:	1-1, YANAGIDO	
Internal Address:	GIFU-SHI	
City:	GIFU	
State/Country:	JAPAN	
Postal Code:	501-1193	
Name:	TOHOKU UNIVERSITY	
Street Address:	t Address: 2-1-1, KATAHIRA	
Internal Address:	AOBA-KU, SENDAI-SHI	
City:	MIYAGI	
State/Country:	te/Country: JAPAN	
Postal Code:	980-8577	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14421754

#### **CORRESPONDENCE DATA**

Fax Number: (415)576-0300

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.

PATENT REEL: 035215 FRAME: 0404 503228140

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Address Line 4: SAN FRANCISCO, CALIFORNIA 94111-3823

ATTORNEY DOCKET NUMBER:	93803-935941-002800US
NAME OF SUBMITTER:	KIMBERLY HELDT
SIGNATURE:	/Kimberly Heldt/
DATE SIGNED:	03/20/2015

**Total Attachments: 3** 

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> PATENT REEL: 035215 FRAME: 0405

# 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 "A	SSIGNOR") by		
(insert	1) Clio, Inc.			
ASS(GNEE's Name(s) Address(cs))	5-5-34, Nakadori, Akita-shi, Akita 010-0001, Japan			
	2) GIFU UNIVERSITY			
	1-1, Yanagido, Gifu-shi, Gifu 501-1193, Japan			
	3) TOHOKU UNIVERSITY			
	2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577, Japan			
	(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled			
error and	PLURIPOTENT STEM CELL T	HAT INDUCES REPAIR	AND REGENERATION AFTER	
(Title of Invention)	MYOCARDIAL INFARCTION			
	the United States was executed on even da	ate herewith or, if not so executed,		
(Insert date of execution of application, if not concurrent)	(a) executed on Feb 6, 2015  (b) filed on Aug 15, 2013 (int'l f Serial No. 14,421,754	: Assignee's attorney is her alata 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)").			
	ASSIGNEE, to do all acts which the ASSIC enforcing protection for said invention, in said Letters Patent(s), in any interference, proceeding which may arise or be declared	MEE may deem necessary, desirab cluding in the preparation and pros reissue, reexamination, or public t I in relation to same, such acts to i	without charge to but at the expense of said de or expedient, for securing, maintaining and secution of said application(s) and the issuance of use proceeding, and in any litigation or other legal include but not be limited to executing all papers, roviding sworn testimony, and obtaining and	
		ndersigned inventor(s) has (have) af	fixed his/her/their signature(s)	
m to a market	Cheron Italy	Masanori Yoshida	February 6, 2015	
(Signatures)	1) /(W///////////////////////////////////	(TYPE NAME)	(DATE)	
		Shinya Minatoguchi		
	(SIGNATURE)	(TYPE NAME)	(DATE)	
est.	±.	Mari Dezawa		
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	4)(SIGNATURE)	(TYPE NAME)	(DATE)	
	S)(SIGNATURE)	(TYPE NAME)	(DATE)	
	6)(SIGNATURE)	(TYPE NAME)	(DATE)	
	7)(SIGNATURE)	(TYPE NAME)	(DATE)	

(TYPE NAME)

(SIGNATURE)

**PATENT** 

(DATE)

**REEL: 035215 FRAME: 0406** 

## 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	1) Clio, Inc.		
ASSIGNEE's Name(s) Address(es))	5-5-34, Nakađori, Akita-shi, Akita 010-0001, Japan		
	2) GIFU UNIVERSITY		
	I-1. Yanagido, Gifu-shi, Gifu 501-1193, Japan		
	3) TOHOKU UNIVERSITY		
(Title of Invention)	2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577, Japan		
	(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled		
	PLURIPOTENT STEM CELL THAT INDUCES REPAIR AND REGENERATION AFTER		
	MYOCARDIAL INFARCTION		
	relating to International Patent Application PCT/JP 2013 / 071981 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:		
(Insert date of execution of application, if not concurrent)	(a) executed on  Assignee's attorney is hereby authorized to insert in (b) the specified		
	(a) executed on Dec 25, 2014  (b) filed on Aug 15, 2013 (int'l filling date when known.  Serial No. 14/421,754  (c) Assignee's attorney is hereby authorized to insert in (b) the specified date, when known.		
	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 applications of said inventions, including in the preparation and prosecution of said applications of the issuance of said letters. Security and in any litter for any interference, rejects, resymptotic or public use proceeding, and in any litter for a cather level.		

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 (have) affixed his/her/their signature(s).

(Signatures)

1)		Masanori Yoshida	
4)	(SIGNATURE)	(TYPE NAME)	(DATE)
21 H	Ning a Minctogudes	Shinya Minatoguchi	December 25, 2014
	(SIGNATURE)	(TYPE NAME)	(DATE)
3)		Mari Dezawa	
<u>پر</u>	(SIGNATURE)	(TYPE NAME)	(DATE)
4)	(SIGNATURE).	(TYPE NAME)	(DATE)
5)	(SIGNATURE)	(TYPE NAME)	(DATE)
6)			
	(SIGNATURE)	(TYPE NAME)	(DATE)
7)			
	(SIGNATURE)	(TYPE NAME)	(DATE)
8}			
	(SIGNATURE)	(TYPE NAME)	(DATE)

**PATENT** 

**REEL: 035215 FRAME: 0407** 

### U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.90), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by 1) Clio, Inc. (Insert ASSIGNEE's Name(s) 5-5-34, Nakadori, Akita-shi, Akita 010-0001, Japan Address(es)) 2) GIFU UNIVERSITY 1-1, Yanagido, Gifu-shi, Gifu 501-1193, Japan 3) TOHOKU UNIVERSITY 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577, Japan thereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled PLURIPOTENT STEM CELL THAT INDUCES REPAIR AND REGENERATION AFTER (Title of Invention) MYOCARDIAL INFARCTION relating to International Patent Application PCT/JP 2013 / 071981 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: Dec 24, 2014 (a) executed on (Insert date Assignee's attorney is hereby authorized to insert in (b) the specified of execution data Schen known. of application, 14,421,754 Serial No. concurrent) 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 Fatent(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 thave affixed his/her/their signature(s). Masanori Yoshida (Signatures) (TYPE NAME) (SIGNATURE) (DATE) Shinya Minatoguchi (TYPE NAME) (DATE) (SIGNATURE) Mari Dezawa December 24, 2014 (TYPE NAME) (DATE) (SIGNATURE)

(SIGNATURE) (TYPE NAME) (DATE)

(SIGNATURE) (TYPE NAME) (DATE)

(TYPE NAME)

(TYPE NAME)

(TYPE NAME)

(SIGNATURE) (TYPE NAME) (DATE)

**PATENT** 

REEL: 035215 FRAME: 0408

(DATE)

(DATE)

(DATE)

**RECORDED: 03/20/2015** 

(SIGNATURE)

(SIGNATURE)

(SIGNATURE)