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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN HITCHCOCK	01/16/2015
MARIA HOPKINS	01/16/2015
SHOTA KIKUCHI	01/16/2015
HOLGER MONENSCHEIN	01/15/2015
HOLLY REICHARD	01/16/2015
HUIKAI SUN	01/16/2015
TODD MACKLIN	01/16/2015

RECEIVING PARTY DATA

Name:	ENVOY THERAPEUTICS, INC.	
Street Address:	ress: 10410 SCIENCE CENTER DRIVE	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code: 92121		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14883174

CORRESPONDENCE DATA

Fax Number:

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.

Email:	tsd.docket@takeda.com
Correspondent Name:	TAKEDA CALIFORNIA, INC.
Address Line 1:	10410 SCIENCE CENTER DRIVE
Address Line 4:	SAN DIEGO, CALIFORNIA 92121

Total Attachments: 3		
DATE SIGNED:	02/12/2016	
SIGNATURE:	/Matthew J. Russo/	
NAME OF SUBMITTER:	MATTHEW J. RUSSO	
ATTORNEY DOCKET NUMBER: GPR6-5002-US-D1		
	-	

source=2015-02-05a GPR6-5002-US Assignment (Envoy Inventors-Envoy)#page1.tif source=2015-02-05a GPR6-5002-US Assignment (Envoy Inventors-Envoy)#page2.tif source=2015-02-05a GPR6-5002-US Assignment (Envoy Inventors-Envoy)#page3.tif

ASSIGNMENT

WHEREAS, I/WE Stephen Hitchcock of San Diego, California, Maria Hopkins of San Diego, California, Shota Kikuchi of San Diego, California, Holger Monenschein of San Diego, California, Holly Reichard of San Diego, California, Huikai Sun of San Diego, California and Todd Macklin of Bloomington, Minnesota, hereinafter referred to as Assignor(s), have, before April 1, 2013 invented a certain invention entitled:

TETRAHYDROPYRIDOPYRAZINES MODULATORS OF GPR6

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on December 19, 2014, under U.S. Application No. 14/577,480, and which claims priority from U.S. Provisional Application Number 61/919,661 filed December 20, 2013 and

WHEREAS, Envoy Therapeutics, Inc., 10410 Science Center Drive, San Diego, California 92121, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor(s) assign and transfer to Assignee and Assignee's legal representatives, successors, and assigns the entire right, title, and interest in, to, and under the invention, the referenced patent application, and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, and the patents that may issue thereon,

Assignor(s) convey to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

Assignor(s) will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor(s) will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

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PATENT REEL: 037725 FRAME: 0474 Assignor(s) and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor(s) authorize Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor(s) and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment, as evidenced by the signature of an officer or authorized representative of Assignee below.

IN WITNESS WHEREOF, Assignor has bereander set his/her hand on the date shown below.

Date 1/16/15

Date 11015

1/16/2015 Date

15 2015 Date

1/16/15 Date

Date 1/16/2015

Date _____

Assignor: Stephen Hitchcock

anic Hoph Assignor: Maria Hopkins

Assignor: Shota Kikuchi

Assignof: Holger Monenschein

Assignor: Holly Reichard

Assignor: Huikai Sun

Assignor: Todd Macklin

Assignor(s) and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor(s) authorize Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor(s) and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment, as evidenced by the signature of an officer or authorized representative of Assignee below.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Date	
	Assignor: Stephen Hitchcock
Date	
	Assignor: Maria Hopkins
Date	
	Assignor: Shota Kikuchi
Date	Assignor: Holger Monenschein
	Assignor. Horger Monenschem
Data	
Date	Assignor: Holly Reichard
Date	
	Assignor: Huikai Sun
	and a
Date 1/16/2015	_ y hi
	Assignor: Todd Macklin

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RECORDED: 02/12/2016