

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>TAKAYUKI MOMMA</td> <td>01/30/2014</td> </tr> <tr> <td>NAOYUKI UMEMOTO</td> <td>01/29/2014</td> </tr> </tbody> </table>		Name	Execution Date	TAKAYUKI MOMMA	01/30/2014	NAOYUKI UMEMOTO	01/29/2014				
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CORRESPONDENCE DATA											
<p>Fax Number: (202)293-7860 Phone: 202-293-7060 Email: eharnett@sughrue.com,sughrue@sughrue.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: SUGHRUE MION, PLLC Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W. Address Line 2: SUITE 800 Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037</p>											
ATTORNEY DOCKET NUMBER:	Q210075										
NAME OF SUBMITTER:	ERIN HARNETT, NEW APPLICATION SPECIALIST										
Signature:	/Erin Harnett/										
Date:	02/20/2014										
Total Attachments: 2 source=Assignment_Executed_as_filed#page1.tif source=Assignment_Executed_as_filed#page2.tif											

Attorney's Docket No.: _____

Assignment of Application

WHEREAS, I (WE) _____
Takayuki MOMMA and Naoyuki UMEMOTO of c/o Kirin Company, Limited,
10-2, Nakano 4-chome, Nakano-ku, Tokyo 164-0001 Japan

_____, respectively,
have invented certain new and useful improvements in: _____
METHOD FOR CONTROLLING SEXUALITY OF HOP

for which an application for Letters Patent was executed on _____
(Application No. PCT/JP2012/070873, filed August 10, 2012), and

WHEREAS, **KIRIN HOLDINGS KABUSHIKI KAISHA**
(hereinafter referred to as "ASSIGNEE") having a place of business at: _____
Nakano Central Park South, 10-2, Nakano 4-chome, Nakano-ku, Tokyo 164-0001 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any official of any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its legal representatives and assigns covenant and any facts known to me (us) 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 of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which 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.

Date: Jan. 30, 2014 Takayuki Momma
(Signature of inventor) Takayuki MOMMA

Date: Jan. 29, 2014 Naoyuki Umemoto
(Signature of inventor) Naoyuki UMEMOTO