#### 01/07/2016 503639170

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BROCK BINKOWSKI	06/23/2011
BRAEDEN BUTLER	06/02/2011
LANCE P. ENCELL	05/31/2011
FRANK FAN	06/28/2011
BRAD HOOK	05/31/2011
PAUL OTTO	05/31/2011
GEDIMINAS VIDUGIRIS	05/31/2011
SUSAN WIGDAL	05/31/2011
KRISTOPHER ZIMMERMAN	06/30/2011

# **RECEIVING PARTY DATA**

Name:	PROMEGA CORPORATION
Street Address:	2800 WOODS HOLLOW ROAD
City:	MADISON
State/Country:	WISCONSIN
Postal Code:	53711-5399

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14990279

# **CORRESPONDENCE DATA**

Fax Number: (414)277-0656

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: 414.271.6560

Email: madipdocket@michaelbest.com

MICHAEL BEST & FRIEDRICH LLP (PROMEGA) **Correspondent Name:** 

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Address Line 2: **SUITE 3300** 

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	016026-9531-US05
NAME OF SUBMITTER:	SANSUN YEH

PAIENI REEL: 037431 FRAME: 0988 503639170

SIGNATURE:	/sansun yeh/
DATE SIGNED:	01/07/2016
Total Attachments: 8	
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PATENT REEL: 037431 FRAME: 0989

#### ASSIGNMENT

Pursuant to our obligation to Promega Corporation (hereinafter referred to as "Assignee"), a Wisconsin corporation having its principal place of business at:

2800 Woods Hollow Road Madison, WI 53711-5399

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Brock Binkowski E9121 State Road 60 Sauk City, WI 53583

Braeden Butler 1818 Yahara Place Madison, WI 53704

Lance P. Encell 5637 Kinsale Drive Fitchburg, WI 53711

Frank Fan 823 Tamarack Way Verona, WI 53593

Brad Hook 1720 Pleasant View Drive Baraboo, WI 53913

Paul Otto 1818 Yahara Piace Madison, WI 53704

Gediminas Vidugiris 5719 Longford Terrace Fitchburg, WI 53711

Susan Wigdal W4040 Kammes Drive Belleville, WI 53508

Kristopher Zimmerman 4362 De Volis Pkwy Madison, WI 53711

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

PATENT REEL: 037431 FRAME: 0990

- (1) in and to inventions described in a patent application titled "MUTANT PROTEASE BIOSENSORS WITH ENHANCED DETECTION CHARACTERISTICS" for which we filled United States Patent Application No. 13/105648 (Atty. File No. 016026-9531 US02) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/333706, filed May 11, 2010 (Atty. File No. 016026-9531 US00) and United States Provisional Patent Application No. 61/470845, filed April 1, 2011 (Atty. File No. 016026-9531 US01) (hereinafter the "U.S. provisional patent applications");
- (2) in and to the U.S. utility patent application, and the U.S. provisional patent applications, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), and reissue applications) based upon said inventions, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the U.S. utility patent application and the U.S. provisional patent applications, and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on either or both of the U.S. utility patent application and the U.S. provisional patent applications.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

6/23/1	
Date	Brock Binkowski
Date	Braeden Butler
Date	Lance P. Encell

- (1) in and to inventions described in a patent application titled "MUTANT PROTEASE BIOSENSORS WITH ENHANCED DETECTION CHARACTERISTICS" for which we filed United States Patent Application No. 13/105648 (Atty. File No. 016026-9531 US02) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/333706, filed May 11, 2010 (Atty. File No. 016026-9531 US00) and United States Provisional Patent Application No. 61/470845, filed April 1, 2011 (Atty. File No. 016026-9531 US01) (hereinafter the "U.S. provisional patent applications");
- (2) in and to the U.S. utility patent application, and the U.S. provisional patent applications, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), and reissue applications) based upon said inventions, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the U.S. utility patent application and the U.S. provisional patent applications, and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on either or both of the U.S. utility patent application and the U.S. provisional patent applications.

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The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

Date	3rock Binkowski
Brand (B)	06/02/11
Date	Braeden Butler
Date	Lance P. Encell

- (1) in and to inventions described in a patent application titled "MUTANT PROTEASE BIOSENSORS WITH ENHANCED DETECTION CHARACTERISTICS" for which we filed United States Patent Application No. 13/105648 (Atty. File No. 016026-9531 US02) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/333706, filed May 11, 2010 (Atty. File No. 016026-9531 US00) and United States Provisional Patent Application No. 61/470845, filed April 1, 2011 (Atty. File No. 016026-9531 US01) (hereinafter the "U.S. provisional patent applications");
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- (3) in and to all patent applications on sald invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the U.S. utility patent application and the U.S. provisional patent applications, and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on either or both of the U.S. utility patent application and the U.S. provisional patent applications.

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The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

Date	Brock Binkowski
Date  May 31 2011  Date	Braeden Butler  Cam  Lance P. Encell

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05/3/// Date	Frank Fan  Brad Hook  Brad Hook
Date	Paul Otlo
Date	Gediminas Vidugiris
Date (p/30/11	Susan Wigdal  Khistopher Zimmerman

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Date	Frank Fan
Date 2.5. 31	Brad Hook
Date	Paul Otto
Date	Gediminas Vidugiris
Date	Susan Wigdal
Date	Kristopher Zimmerman

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Date	Frank Fan
Date	Brad Hook
Date 05/3//2011 Date	Paul Otto  Gediminas Vidugiris
Date	Susan Wigdal
Date	Kristopher Zimmerman

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Date	Frank Fan
Date	Brad Hook
Date	Paul Otto
Date	Gediminas Vidugiris
05/31/11 Date	Susan Wigdal
Date	Kristopher Zimmerman

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