502169996 12/19/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Robert Yu | 11/08/2012 |
| Han-Chung Wu | 11/07/2012 |
| Seigo Usuki | 11/20/2012 |

RECEIVING PARTY DATA

| Name: | Georgia Health Sciences University | |
|-------------------|------------------------------------|--|
| Street Address: | 1120 15th Street | |
| Internal Address: | CJ-3301 | |
| City: | Augusta | |
| State/Country: | GEORGIA | |
| Postal Code: | 30912 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 13655767 | |

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| ATTORNEY DOCKET NUMBER: | GHSU 2012-004 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | Candace C. Andrews |

Total Attachments: 4

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PATENT REEL: 029504 FRAME: 0236 OF \$40.00 13655/6/

ASSIGNMENT

We. Robert Yu of 821 River Bluff Road, North Augusta, South Carolina 29841, Han-Chung Wu of SF, No. 12, Lane 66, Sindong Street, Songshan District, Taipei City 105, Tapei, Taiwan and Seigo Usuki of 710 Woodhill Trail, Augusta, Georgia 30909, in regard of valuable consideration made available by Georgia Health Sciences University, a university of the state of Georgia, having its principal place of business at 1120 15th Street CJ-3301, Augusta, Georgia 30912 (hereinafter "said Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "GM1-LIKE PEPTIDES AND USES THEREOF" described in U.S. Serial No. 13/655,767 filed in the United States Patent and Trademark Office on October 19, 2012, and in the provisional application to which priority is claimed, being U.S. Provisional Application Serial No. 61/549,014 filed in the United States Patent and Trademark Office on October 19, 2011, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or on said application, or any provisional, divisional, continuation, reissue, or other applications based thereon. And we agree, for ourselves and our executors and administrators, with said Assignee and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said Assignee, with specifications and claims in such form

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PATENT REEL: 029504 FRAME: 0237 Title: "GM1-LIKE PEPTIDES AND USES THEREOF"

By: Robert Yu et al. Filed: October 19, 2012 ASSIGNMENT

as shall be approved by the counsel of said Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Assignee, its successors and assigns.

WITNESS my hand and seal this 8th day of November , 2012.

State of

County of

Then personally appeared the above named

and acknowledged the

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My Commission expires:

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GHSU 2012-004 060205/00063

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| By: Robert Yu et al. Flied: October 19, 2012 ASSIG MENT | | • | | |
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| Witness of CR. II | 1000 | | | * |
| Witness Chien-Yu | chiu. | | | * |
| Date : Nov. 7. | 2012 | • | , ** • | |
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PATENT REEL: 029504 FRAME: 0239 Title: "GMI-LIKE PEPTIDES AND USES THEREOF"

By: Robert Yu et al. Filed: October 19, 2012 ASSIGNMENT

WITNESS my hand and seal this 20th day of November , 2012.

Seigo Usuki

State of

County of

of Ourke

Then personally appeared the above named

and acknowledged the

foregoing instrument to be

free act and deed, before me this 20th day of November, 2012.

Mytary Public

My Commission expires

JULIE S. KELLEY

Notary Public, Georgia

Burke County

My Commission Expires

November 18, 2016

GHSU 2012-004 060205/00063

PATENT REEL: 029504 FRAME: 0240

RECORDED: 12/19/2012

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