

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT3365674

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRETT L. LUCHT	12/18/2006
WILLIAM B. EULER	12/18/2006
YU WANG	12/15/2006
NADIA ARCHAMBAULT	12/18/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RHODE ISLAND BOARD OF EDUCATION, STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
<b>Street Address:</b>	80 WASHINGTON STREET
<b>City:</b>	PROVIDENCE
<b>State/Country:</b>	RHODE ISLAND
<b>Postal Code:</b>	02903
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11582649
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)350-6878
<i>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.</i>	
<b>Phone:</b>	617-350-6800
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<b>Address Line 1:</b>	40 BROAD STREET
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<b>ATTORNEY DOCKET NUMBER:</b>	URI.7340
<b>NAME OF SUBMITTER:</b>	WILLIAM E. HILTON
<b>SIGNATURE:</b>	/William E. Hilton/
<b>DATE SIGNED:</b>	05/22/2015
<b>Total Attachments: 18</b>	
source=7340#page1.tif	
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### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Brett L. Lucht, William B. Euler, Yu Wang, Nadia Archambault

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Rhode Island Board of Education, State of Rhode Island and Providence Plantations

Internal Address: \_\_\_\_\_

Street Address: 80 Washington Street

City: Providence

State: Rhode Island

Country: United States Zip: 02903

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 12/18/2006, 12/15/2006

Assignment  Merger

Security Agreement  Change of Name

Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

**4. Application or patent number(s):**  This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No. (s)

11582649

B. Patent No. (s)

7833438

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Gesmer Updegrove LLP

Internal Address: \_\_\_\_\_

Street Address: 40 Broad Street

City: Boston

State: Massachusetts Zip: 02109

Phone Number: 617-350-6800

Docket Number: URI.7340

Email Address: kimberly.mason@gesmer.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 0.00

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 190079

Authorized User Name William E. Hilton

**9. Signature:** /William E. Hilton/ May 22, 2015

Signature Date

William E. Hilton 18

Name of Person Signing Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ASSIGNMENT**

Know all men by these presents that:

WHEREAS we,                   Brett Lucht  
                                  145 Legend Rock Road  
                                  Wakefield, RI 02879

                  and

                                  William B. Euler  
                                  35 Flintstone Road  
                                  Narragansett, RI 02882

                  and

                                  Yu Wang  
                                  2900 Kingstown Road  
                                  Apt. 432  
                                  Kingston, RI 02881

                  and

                                  Nadia Archambault  
                                  11 Roger Williams Circle  
                                  Warwick, RI 02888

have made an invention for

**THERMOFLOURESCENT PIGMENTS FOR SECURITY AND SAFETY  
APPLICATIONS**

the specification of which was filed with the United States Patent and Trademark Office on October 18, 2006, as Serial No. 11/582,649, which claims priority to International Patent Application No. PCT/US2005/013013, filed April 19, 2005, and United States provisional Patent Application Serial No. 60/563,515, filed April 19, 2004.

WHEREAS the Board of Governors for Higher Education, State of Rhode Island and Providence Plantations a university duly organized and existing under the laws of Rhode Island and having a place of business at 301 Promenade Street, Providence, Rhode Island, 02908, for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

**The Board of Governors for Higher Education, State of Rhode Island and Providence Plantations**

its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignee in accordance with the terms of this instrument.

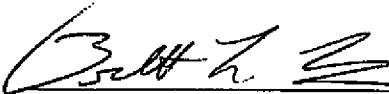
AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

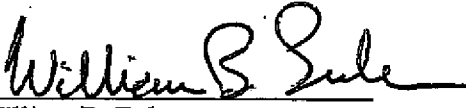
AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on the dates below.

12/18/2006  
Date

  
Brett L. Lucht

12/18/06  
Date

  
William B. Euler

\_\_\_\_\_  
Date

\_\_\_\_\_  
Yu Wang

12/18/2006  
Date

  
Nadia Archambault

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NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

**The Board of Governors for Higher Education, State of Rhode Island and Providence Plantations**

its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignee in accordance with the terms of this instrument.

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.



IN WITNESS WHEREOF, we have hereunto set our hands and seals on the dates below.

Date

Brett Lucht

Date

William B. Euler

12/15/2006

Date

  
Yu Wang

Date

Nadia Archambault

# TITLE 16

## Education

### CHAPTER 16-59

### Board of Governors for Higher Education [See Title 16 Chapter 97 – The Rhode Island Board of Education Act]

#### SECTION 16-59-1

**§ 16-59-1 Council on Postsecondary Education established.** – (a) There is created a council on postsecondary education, sometimes referred to as the "council", which shall be and is constituted a public corporation, empowered to sue and be sued in its own name, and to exercise all the powers, in addition to those specifically enumerated in this chapter, usually appertaining to public corporations entrusted with control of postsecondary educational institutions and functions. Upon its organization the council shall be invested with the legal title (in trust for the state) to all property, real and personal, now owned by and/or under the control or in custody of the board of regents for education for the use of the University of Rhode Island, Rhode Island College, Community College of Rhode Island and the system of community colleges of Rhode Island including all departments, divisions, and branches of these.

(b) The council is empowered to hold and operate the property in trust for the state; to acquire, hold, and dispose of the property and other like property as deemed necessary for the execution of its corporate purposes. The council is made successor to all powers, rights, duties, and privileges formerly belonging to the board of regents for education pertaining to postsecondary education and the board of governors for higher education.

(c) The council shall be the employer of record for higher education and the office of postsecondary education. It shall retain all authority formerly vested in the board of education regarding the employment of faculty and staff at the public higher education institutions.

#### History of Section.

(P.L. 1981, ch. 32, § 3; P.L. 1987, ch. 596, § 3; P.L. 1993, ch. 178, § 1; P.L. 1999, ch. 48, § 1; P.L. 1999, ch. 124, § 1; P.L. 2005, ch. 117, art. 21, § 17; P.L. 2006, ch. 8, § 1; P.L. 2006, ch. 28, § 1; P.L. 2014, ch. 145, art. 20, § 5.)

# TITLE 16

## Education

### CHAPTER 16-97

### The Rhode Island Board of Education Act

#### SECTION 16-97-1

**§ 16-97-1 Rhode Island board of education established.** – (a) Effective January 1, 2013, there is created a board of education that shall be responsible for and shall exercise the purposes, powers, and duties of, this chapter and chapters 59 and 60 of this title. The board is responsible for the coordination of education from pre-k through higher education and shall set goals and policies for the effective coordination of these public education systems.

(b) The board of education shall consist of seventeen (17) public members appointed by the governor with the advice and consent of the senate, eight (8) of whom shall be designated to serve on the council for elementary and secondary education and eight (8) of whom shall be designated to serve on the council for postsecondary education. The chairperson of the board shall serve as a member of both councils. Six (6) of the members initially appointed pursuant to this section shall serve terms of three (3) years; six (6) members initially appointed pursuant to this section shall serve terms of two (2) years; and, four (4) members initially appointed pursuant to this section shall serve terms of one year. To the greatest extent possible, the initial staggered terms shall be equitably divided among the councils so as to protect against sudden changes in membership and reversal of policy. Thereafter, all members appointed pursuant to this section shall serve terms of three (3) years. At the expiration of their terms, members shall remain and continue in their official capacity until their successor is appointed and qualified. Members shall not be appointed to more than three (3), successive three-year (3) terms each; provided that the chair of the board shall have no term and shall serve at the pleasure of the governor. Any vacancy among the members of the board shall be filled by appointment of the governor for the remainder of the unexpired term. In the selection and appointment of the board, the governor shall seek persons who best serve the needs of the entire state. No person shall be eligible for appointment to the board after the effective date of this act unless a resident of this state. Members of the board shall not be compensated for their service in attending board or council meetings.

(c) The chair of the Governor's Workforce Board, or designee, and the chair of the Rhode Island Commerce Corporation, or designee, shall serve as non-voting, ex-officio members of the board.

(d) The governor shall select from the appointed members a chairperson and vice chairperson. A quorum shall consist of nine (9) members of the board. A majority vote of those present shall be required for action.

(e) Except as provided by subsection (b) of this section, members of the board shall be removable by

the governor for cause only. Removal solely for partisan or personal reasons unrelated to performance, capacity, or fitness for the office shall be unlawful.

(f) The statutory responsibilities of the department of elementary and secondary education, the commissioner of elementary and secondary education, and the commissioner of postsecondary education shall remain unchanged.

(g) The chair of the board of education shall consult with the chairs of the council on elementary and secondary education, the council on postsecondary education, the commissioner of elementary and secondary education, and the commissioner of postsecondary education in developing agendas, goals, policies, and strategic plans for the board.

History of Section.

(P.L. 2012, ch. 241, art. 4, § 3; P.L. 2014, ch. 145, art. 20, § 8; P.L. 2014, ch. 369, § 1; P.L. 2014, ch. 381, § 1.)

# TITLE 16

## Education

### CHAPTER 16-97

## The Rhode Island Board of Education Act

### SECTION 16-97-1.1

**§ 16-97-1.1 Purposes of the board of education.** – The Rhode Island Board of Education shall be responsible for long-range planning and for coordinating and evaluating policies and programs for the public educational systems of the state. The general assembly finds and declares that the board of education shall have the following purposes:

(a) To develop and adopt educational, financial and operational goals for the education systems of the state that represent achievable benchmarks for a ten-year (10) and twenty-year (20) year time frame and that can be implemented by the council on elementary and secondary education, the council on postsecondary education, and the commissioners for elementary and secondary education and postsecondary education;

(b) To ensure that the education systems of the state are aligned with the projected opportunities in workforce development and economic development and that the education systems are preparing students to participate in the future workforce of Rhode Island;

(c) To coordinate programs and courses of study and promote collaboration between and among pre-kindergarten through higher education institutions and agencies, including, but not limited to:

(1) improving career and college readiness;

(2) reducing the need for remedial instruction;

(3) implementing and coordinating common core and other system wide standards;

(4) ensuring a quality system for adult education and certification programs in secondary school and college.

(d) To present strategic budget and finance recommendations to the council on elementary and secondary education and council on postsecondary education that are aligned with the long-range goals adopted by the board.

History of Section.

(P.L. 2014, ch. 145, art. 20, § 9.)

# TITLE 16

## Education

### CHAPTER 16-97

### The Rhode Island Board of Education Act

#### SECTION 16-97-1.2

**§ 16-97-1.2 Powers and duties of the board of education.** – The board of education shall have the following powers and duties:

(a) To develop and adopt a strategic plan defining broad goals and objectives for education in the state. These goals and objectives shall be expressed in terms of the future educational attainment of the population, quality of life and economy of Rhode Island, including but not limited to what children, men and women should know and be able to do as a result of their educational experience and the contributions of education to meeting the workforce and economic development needs of Rhode Island. The board shall approve the strategic plans for elementary and secondary education and postsecondary education in terms of the alignment of these strategic plans with the overall strategic plan of the board of education. The board shall continuously evaluate the efforts of the council on elementary and secondary education and the council on postsecondary education to implement the strategic plans and shall review the results of education in the light of these objectives;

(b) To prepare and maintain a five (5) year strategic funding plan for all levels of education in Rhode Island. The board shall determine priorities of expenditures for public education purposes of state revenues and other public resources made available for the support of public education and direct the council on elementary and secondary education and the council on postsecondary education to implement those priorities when developing the annual budget for elementary and secondary education and higher education. The councils shall present their annual budgets to the board for its review and approval. Nothing contained in this subdivision shall authorize the board to alter the allocation of grants or aid otherwise provided by law;

(c) To develop and submit to the general assembly for approval a performance funding formula for public higher education that furthers the purposes of the board and ensures that all students may achieve educational excellence;

(d) To develop policies that maximize the potential of collaboration from elementary and secondary education through higher education systems and that improve efficiencies at all levels of the education system through improved coordination of activities;

(e) To embrace the legislative findings regarding virtual education established by § 16-22.1-2 of the general laws and adopt goals and policies that address these findings and to encourage the council on

elementary and secondary education and the council for postsecondary education to develop and or improve virtual learning experiences for Rhode Island students;

(f) To approve the appointment of a commissioner of elementary and secondary education.

(g) To approve the appointment of a commissioner of postsecondary education.

(h) To conduct a training course for newly appointed and qualified board members within six (6) months of their qualification. The course shall be developed by the chairperson of the board, approved by the board, and conducted by the chairperson of the board. The board may approve the use of any board or staff members or other individuals to assist with training. The training course shall include instruction in the following areas: the provisions of chapters 42-46, 36-14, and 38-2; and the board's own rules.

History of Section.

(P.L. 2014, ch. 145, art. 20, § 9.)

# **TITLE 16**

## **Education**

### **CHAPTER 16-97**

#### **The Rhode Island Board of Education Act**

#### **SECTION 16-97-4**

**§ 16-97-4 Change of former names.** – Effective January 1, 2013, the term "Rhode Island Board of Education" shall be used in lieu of any then existing law reference made to the board of regents for elementary and secondary education and/or the board of governors for higher education.

History of Section.

(P.L. 2012, ch. 241, art. 4, § 3.)



# **TITLE 16**

## **Education**

### **CHAPTER 16-97**

#### **The Rhode Island Board of Education Act**

#### **SECTION 16-97-5**

**§ 16-97-5 Abolishment of boards.** – The board of governors for higher education established in chapter 16-59 and the board of regents for elementary and secondary education established in chapter 16-60 shall cease to exist as of January 1, 2013.

History of Section.

(P.L. 2012, ch. 241, art. 4, § 3.)

# TITLE 16

## Education

### CHAPTER 16-97

#### The Rhode Island Board of Education Act

#### SECTION 16-97-6

**§ 16-97-6 Reporting requirements.** – The board shall submit an annual report to the governor, speaker of the house, senate president, chairs of the house and senate finance committees and their respective fiscal advisors, the chair of the house health, education and welfare committee, and chair of the senate education committee no later than March 1, 2015 and every March 1 thereafter.

**History of Section.**

(P.L. 2012, ch. 241, art. 4, § 3; P.L. 2014, ch. 145, art. 20, § 8; P.L. 2014, ch. 369, § 1; P.L. 2014, ch. 381, § 1.)

# TITLE 16

## Education

### CHAPTER 16-97

### The Rhode Island Board of Education Act

#### SECTION 16-97-7

**§ 16-97-7 Tuition waivers – Disclosure as a prerequisite to receipt.** – Notwithstanding any other provision of law, no employee of the state board of education, his or her spouse, domestic partner or dependent, shall receive a tuition waiver as a result of employment status with the state board of education, without first consenting to the public disclosure of the existence and amount of the waiver. This section shall apply to any tuition waivers, including, but not limited to, any such waiver at the Community College of Rhode Island, Rhode Island College, and/or the University of Rhode Island.

History of Section.

(P.L. 2013, ch. 295, § 1; P.L. 2013, ch. 380, § 1.)

# TITLE 16

## Education

### CHAPTER 16-97

### The Rhode Island Board of Education Act

#### SECTION 16-97-8

**§ 16-97-8 Assessment of student performance.** – (a) The commissioner of elementary and secondary education shall implement the state assessment program. The program shall include performance standards and an annual report that disaggregates performance by race, poverty, native language, and gender.

(b) Prior to the graduating class of 2017, no state assessment conducted pursuant to this chapter, and no other standardized testing program or assessment, shall be used to determine a student's eligibility to graduate from high school. Any such assessments implemented prior to the graduating class of 2017 shall be used to promote school improvement and to target remediation programs to individual students and groups of students.

History of Section.

(P.L. 2014, ch. 336, § 3; P.L. 2014, ch. 337, § 3.)