502630784 01/10/2014

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2677392

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSHUA ROTH	05/24/2011
BING CHEN	05/19/2011

RECEIVING PARTY DATA

Name:	BLACKBOARD CONNECT INC.
Street Address:	650 MASSACHUSETTS AVENUE, NW #600
City:	WASHINGTON
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20001

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12344112

CORRESPONDENCE DATA

 Fax Number:
 (949)851-9348

 Phone:
 9498510633

Email: kcarraway@mwe.com, mweipdocket@mwe.com Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: MCDERMOTT WILL & EMERY LLP
Address Line 1: THE MCDERMOTT BUILDING
Address Line 2: 500 NORTH CAPITOL STREET, N.W.

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001

ATTORNEY DOCKET NUMBER:	072575-0114
NAME OF SUBMITTER:	AHSAN A. SHAIKH, REG. NO. 61,861
Signature:	/Ahsan A. Shaikh/
Date:	01/10/2014

502630784 REEL: 031944 FRAME: 0480

Total Attachments: 4

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PATENT REEL: 031944 FRAME: 0481 Docket No.: 072575-0114

ASSIGNMENT

WHEREAS We, Joshua ROTH and Bing CHEN of 1250 Villa Woods Dr., Pacific Palisades, CA 90272 and 650 Atkins Drive, Glendale, CA 91206, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled HIERARCHICAL STRUCTURE OF A NOTIFICATION SYSTEM INCLUDING RIGHTS BASED ON ROLES, for which an application for United States Letters Patent was filed on December 24, 2008, and identified by United States Application No. 12/344,112;

AND WHEREAS, BLACKBOARD CONNECT INC., a corporation of the State of Delaware and having an address of 650 Massachusetts Avenue, NW #600, Washington, D.C. 20001 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Blackboard Connect Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Blackboard Connect Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

5/24/2011 Date	Joshua ROTH
Date	Bing CHEN

Signature Witness:
STATE OF CALIFORNIA
COUNTY OF LOS ANGELES SS:
On this 24th day of MA, 2011, before me, the undersigned notary public, personally appeared
Joshua Roth, proved to me through satisfactory evidence of identification, which consisted of CA DR. 10. FROM DM, to be the person whose name is signed on the
preceding or attached document in my presence.
Sharon A. Thompson
Notary Public
My commission expires 09-05-2010

Docket No.: 072575-0114

ASSIGNMENT

WHEREAS We, Joshua ROTH and Bing CHEN of 1250 Villa Woods Dr., Pacific Palisades, CA 90272 and 650 Atkins Drive, Glendale, CA 91206, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled HIERARCHICAL STRUCTURE OF A NOTIFICATION SYSTEM INCLUDING RIGHTS BASED ON ROLES, for which an application for United States Letters Patent was filed on December 24, 2008, and identified by United States Application No. 12/344,112;

AND WHEREAS, BLACKBOARD CONNECT INC., a corporation of the State of Delaware and having an address of 650 Massachusetts Avenue, NW #600, Washington, D.C. 20001 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Blackboard Connect Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Blackboard Connect Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	Joshua ROTH
5/19/2011	ChuBy) C
Date	Bing CHEN

Signature Witness:
STATE OF CAUGORNA
COUNTY OF LCS ANGELES)
On this day of, 2011, before me, the undersigned notary public, personally appeared Bing Chen, proved to me through satisfactory evidence of identification, which consisted on, to be the person whose name is signed on the
preceding or attached document in my presence.
Majail ALEDAWORA GIOUANI
Notary Public My commission expires May 16 ¹⁶ , 2013

ORC 457235-1.072575.0114

RECORDED: 01/10/2014

ALEJANDRA GIULIANI Commission # 1845375 Notary Public - California Los Angeles County My Comm. Expires May 16, 2013

PATENT REEL: 031944 FRAME: 0485