

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6877623

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF PATENT SECURITY AGREEMENT (FIRST LIEN)	
CONVEYING PARTY DATA		
Name		Execution Date
CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, AS AGENT		07/30/2021
RECEIVING PARTY DATA		
Name:	MCGRAW HILL LLC (AS SUCCESSOR TO MCGRAW-HILL SCHOOL EDUCATION HOLDINGS, LLC)	
Street Address:	1325 AVENUE OF THE AMERICAS	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10019	
PROPERTY NUMBERS Total: 24		
Property Type	Number	
Patent Number:	9019570	
Patent Number:	8526766	
Patent Number:	8170466	
Patent Number:	8128414	
Patent Number:	8086166	
Patent Number:	7980855	
Patent Number:	7911660	
Patent Number:	7865131	
Patent Number:	7606421	
Patent Number:	7573616	
Patent Number:	7493077	
Patent Number:	7417774	
Patent Number:	7354272	
Patent Number:	7316347	
Patent Number:	7200581	
Patent Number:	7149468	
Patent Number:	7056124	
Patent Number:	6999954	
Patent Number:	6577846	
Patent Number:	6175841	
PATENT		

Property Type	Number
Patent Number:	6042384
Application Number:	14618048
Application Number:	12049001
Application Number:	11842184

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 1421943 PAT A

NAME OF SUBMITTER: SONYA JACKMAN

SIGNATURE: /Sonya Jackman/

DATE SIGNED: 08/23/2021

Total Attachments: 7

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RELEASE OF PATENT SECURITY AGREEMENTS

THIS RELEASE OF PATENT SECURITY AGREEMENTS (this “Release”) is made as of July 30, 2021 (the “Effective Date”), by Credit Suisse AG, Cayman Islands Branch, as collateral agent (in such capacity, the “Agent”), in favor of McGraw Hill LLC (individually and as successor to McGraw-Hill School Education Holdings, LLC and McGraw-Hill Global Education Holdings, LLC) (the “Grantor”). Capitalized terms used in this Release and not otherwise defined herein have the meanings specified in the applicable Patent Security Agreement (as de-fined below) including any defined terms incorporated by reference therein from the Collateral Agreement as provided in Section 1 of each Patent Security Agreement.

WHEREAS, pursuant to the terms and conditions of (i) that certain Patent Security Agreement among the Grantor (as successor to McGraw-Hill School Education Holdings, LLC) and the Agent dated as of May 4, 2016 (the “School Education Patent Security Agreement”), (ii) that certain Patent Security Agreement among the Grantor (as successor to McGraw-Hill Global Education Holdings, LLC) and the Agent dated as of May 4, 2016 (the “Global Education Patent Security Agreement”) and (iii) that certain Patent Security Agreement among the Grantor and the Agent dated as of January 1, 2020 (the “Borrower Patent Security Agreement” and, together with the School Education Patent Security Agreement and the Global Education Patent Security Agreement, the “Patent Security Agreements” and each a “Patent Security Agreement”), the Grantor assigned and pledged to the Agent its successors and permitted assigns, a continuing security interest in, and lien on, all of its right, title and interest in and to all of Grantor’s Patents of the United States of America then owned or at any time thereafter acquired by the Grantor, but excluding the Excluded Property, including those listed on Schedule I hereto (the “Patent Collateral”);

WHEREAS, the School Education Patent Security Agreement was recorded with the Assignment Division of the U.S. Patent & Trademark Office on June 29, 2016, at Reel 039205 and Frame 0841;

WHEREAS, the Global Education Patent Security Agreement was recorded with the Assignment Division of the U.S. Patent & Trademark Office on June 29, 2016, at Reel 039205 and Frame 0833;

WHEREAS, the Borrower Patent Security Agreement was recorded with the Assignment Division of the U.S. Patent & Trademark Office on January 2, 2020, at Reel 051402 and Frame 0282;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Agent hereby terminates each Patent Security Agreement, and hereby terminates, cancels, discharges, reassigns and releases any and all liens and security interests it has in and against the Patent Collateral.

If and to the extent the Agent has acquired any right, title or interest in or to any of the Patent Collateral, it hereby irrevocably re-assigns and re-transfers all such right, title and interest to the Grantor.

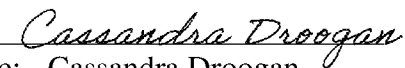
The Agent shall take all further actions, and provide to the Grantor and its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantor, and at the Grantor's cost and expense, to more fully and effectively effectuate the purposes of this Release.

[Signature Pages Follow]

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

CREDIT SUISSE AG, CAYMAN ISLANDS
BRANCH
as Agent,

By: 
Name: Lingzi Huang
Title: Authorized Signatory

By: 
Name: Cassandra Droogan
Title: Authorized Signatory

SCHEDULE I

[See attached]

U.S. Patent Registrations

Patent Title	Patent Number	Filing Date	Issue Date
Systems and methods for computationally distinguishing handwritten pencil marks from preprinted marks in a scanned document	9019570	27-Nov-2013	28-Apr-2015
Use of composite bitmapped images in conjunction with display of captured data	8526766	31-Oct-2007	3-Sep-2013
System and method for automated assessment of constrained constructed responses	8170466	26-May-2006	1-May-2012
System and method for the development of instructional and testing materials	8128414	20-Aug-2003	6-Mar-2012
Method and system for creating, administering and automating scoring of dimensional modeling constructed response items	8086166	12-Apr-2006	27-Dec-2011
Student reporting systems and methods	7980855	23-May-2005	19-Jul-2011
Method and apparatus for data capture from imaged documents	7911660	18-Jun-2008	22-Mar-2011
Methods for improving certainty of test-taker performance determinations for assessments with open-ended items	7865131	20-Nov-2006	4-Jan-2011
Data extraction from temporal image data	7606421	8-Dec-2004	20-Oct-2009
Enhanced data capture from imaged documents	7573616	25-May-2001	11-Aug-2009
System and method for processing test reports	7493077	17-Nov-2005	17-Feb-2009
Method and apparatus for selective processing of captured images	7417774	2-Aug-2001	26-Aug-2008
Manipulative tile as learning tool	7354272	24-Aug-2005	8-Apr-2008
Linking articles to content via RFID	7316347	7-Jan-2005	8-Jan-2008
Modular instruction using cognitive constructs	7200581	10-Feb-2006	3-Apr-2007
Methods for improving certainty of test-taker performance determinations for assessments with open-ended items	7149468	25-Jul-2002	12-Dec-2006
Method and system for creating, administering and automating scoring of dimensional modeling constructed response items	7056124	20-Aug-2003	6-Jun-2006

Patent Title	Patent Number	Filing Date	Issue Date
Modular instruction using cognitive constructs	6999954	10-Oct-2001	14-Feb-2006
Methods for range finding of open-ended assessments	6577846	12-Feb-2001	10-Jun-2003
Computerized systems for producing on-line instructional materials	6175841	17-Jul-1997	16-Jan-2001
Computerized systems for optically scanning and electronically scoring and reporting test results	6042384	30-Jun-1998	28-Mar-2000

U.S. Patent Applications

Patent Title	Serial Number	Filing Date	Issue Date
USE OF A RESOURCE ALLOCATION ENGINE IN PROCESSING STUDENT RESPONSES TO ASSESSMENT ITEMS	14618048	10-Feb-2015	N/A
METHOD AND SYSTEM FOR REDUNDANT DATA CAPTURE FROM SCANNED DOCUMENTS	12049001	14-Mar-2008	N/A
System and method for creating, assessing, modifying, and using a learning map	11842184	21-Aug-2007	N/A

Release of Patent Security Agreement recorded on June 29, 2016 at Reel /Frame 039205/0833.

U.S. Patent Registrations

Patent Title	Patent Number	Filing Date	Issue Date
Method and apparatus for automatic annotation of recorded presentations	8276077	26-Oct-2009	25-Sep-2012

Release of Patent Security Agreement recorded on January 2, 2020, at Reel /Frame 051402/0282.

U.S. Patent Registrations

<u>Title</u>	<u>Patent No.</u>	<u>Issue Date</u>
Data extraction from temporal image data	7606421	20-OCT-2009
Enhanced data capture from imaged documents	7573616	11-AUG-2009
Linking articles to content via RFID	7316347	08-JAN-2008
Manipulative tile as learning tool	7354272	08-APR-2008
Method and apparatus for automatic annotation of recorded presentations	8276077	25-SEP-2012

<u>Title</u>	<u>Patent No.</u>	<u>Issue Date</u>
Method and apparatus for data capture from imaged documents	7911660	22-MAR-2011
Method and apparatus for selective processing of captured images	7417774	26-AUG-2008
Method and system for creating, administering and automating scoring of dimensional modeling constructed response items	7056124	06-JUN-2006
Methods for improving certainty of test-taker performance determinations for assessments with open-ended items	7149468	12-DEC-2006
Methods for improving certainty of test-taker performance determinations for assessments with open-ended items	7865131	04-JAN-2011
Methods for range finding of open-ended assessments	6577846	10-JUN-2003
Modular instruction using cognitive constructs	6999954	14-FEB-2006
Modular instruction using cognitive constructs	7200581	03-APR-2007
Student reporting systems and methods	7980855	19-JUL-2011
System and method for processing test reports	7493077	17-FEB-2009
System and method for the development of instructional and testing materials	8128414	06-MAR-2012
Systems and methods for computationally distinguishing handwritten pencil marks from preprinted marks in a scanned document	9019570	28-APR-2015
Use of a resource allocation engine in processing student responses to assessment items	9792828	17-OCT-2017
Use of composite bitmapped images in conjunction with display of captured data	8526766	03-SEP-2013

U.S. Patent Applications

<u>Title</u>	<u>Application No.</u>	<u>Filing Date</u>
Multi-service transaction management system	15856184	28-DEC-2017
Negative learning behavior alert system	15856192	28-DEC-2017
Web-based content recording and adaptive streaming	15888797	05-FEB-2018