### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6411719

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SCOTT M. BLANDFORD	05/07/2015
ROBERT A. LINDENBERG	05/17/2015
LAURA SHRAGOWTIZ	04/17/2015
CHARLES REITZEL	04/29/2015
ALBERT F. COLE JR	04/18/2015

#### **RECEIVING PARTY DATA**

Name:	TEACHERS INSURANCE AND ANNUITY ASSOCIATION OF AMERICA
Street Address:	730 THIRD AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10017

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16952924

#### **CORRESPONDENCE DATA**

Fax Number: (973)597-2400

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: 9735972500

Email: dandreev@lowenstein.com

PATENT DOCKET ADMINISTRATOR **Correspondent Name:** 

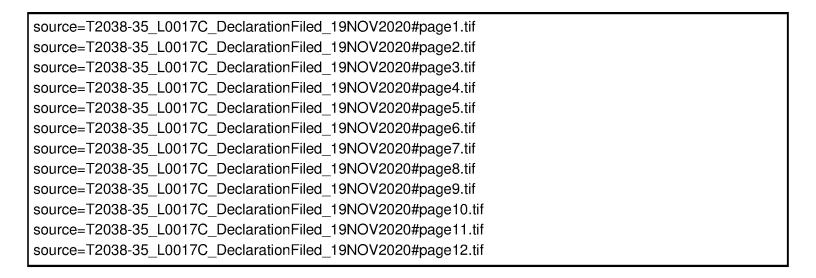
Address Line 1: ONE LOWENSTEIN DRIVE Address Line 2: LOWENSTEIN SANDLER LLP Address Line 4: **ROSELAND, NEW JERSEY 07068** 

ATTORNEY DOCKET NUMBER:	T2038.35 (L0017C)
NAME OF SUBMITTER:	DMITRY ANDREEV
SIGNATURE:	/Dmitry Andreev/
DATE SIGNED:	11/20/2020

**Total Attachments: 12** 

**PATENT** REEL: 054426 FRAME: 0914

506364963



PATENT REEL: 054426 FRAME: 0915

Title of Invention	PROVIDING SEARCH-DIRECTED USER INTERFACE FOR ONLINE BANKING APPLICATIONS
This declaration and assignment is directed to:	United States application or PCT international application number
DECLARA	ATION
As a below	named inventor, I hereby declare that:
The above	e-identified application was made or authorized to be made by me.
I believe th	nat I am the original inventor or an original joint inventor of a claimed invention in the application.
	cknowledge that any willful false statement made in this declaration is punishable under 18 01 by fine or imprisonment of not more than five (5) years, or both.
ASSIGNM	ENT
undersigne a <u>corporati</u> ("Assignee and interes improveme (provisiona application	and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ed, hereby sell, assign, and transfer to <a href="Teachers Insurance and Annuity Association of America">Teachers Insurance and Annuity Association of America</a> , on having a principal place of business at <a href="730 Third Avenue">730 Third Avenue</a> , New York, NY 10017,  "), ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, st for the United States and all foreign countries, in and to any and all inventions or ents that are disclosed in the above identified application and in and to said application all or non-provisional) and all provisional applications, non-provisional applications, utility s, design applications, divisional applications, continuation applications, continued prosecutions, continuation-in-part applications, substitute applications, renewal applications, reissue
	s, reexaminations, extensions, and all other patent applications that have been or shall be filed

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

LEGAL NAME OF INVENTOR Inventor: Scott M. Blandford	Date: 5/7/2015	
Signature:		
LEGAL NAME OF INVENTOR		
Inventor: Robert A. Lindenberg	Date:	
Signature:		·
LEGAL NAME OF INVENTOR		
Inventor: Laura Shragowitz	Date:	
Signature:		

LEGAL NAME OF INVENTOR		
Inventor: Charles Reitzel	Date:	
Signature:		
LEGAL NAME OF INVENTOR		
Inventor: Albert F. Cole Jr.	Date:	

Title of Invention	PROVIDING SEARCH-DIRECTED USER INTERFACE FOR ONLINE BANKING APPLICATIONS
This declaration and assignment is directed to:	The attached application, or  United States application or PCT international application number filed on
DECLARA	TION
As a below r	named inventor, I hereby declare that:
The above-	identified application was made or authorized to be made by me.
I believe tha	at I am the original inventor or an original joint inventor of a claimed invention in the application.
	knowledge that any willful false statement made in this declaration is punishable under 18 1 by fine or imprisonment of not more than five (5) years, or both.
ASSIGNME	ENT
For good ar	nd valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the
undersigned	d, hereby sell, assign, and transfer to Teachers Insurance and Annuity Association of America,
a corporatio	n having a principal place of business at 730 Third Avenue, New York, NY 10017,
and interest improvemer (provisional applications applications	), ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, for the United States and all foreign countries, in and to any and all inventions or its that are disclosed in the above identified application and in and to said application or non-provisional) and all provisional applications, non-provisional applications, utility design applications, divisional applications, continuation applications, continued prosecution continuation-in-part applications, substitute applications, renewal applications, reissue, reexaminations, extensions, and all other patent applications that have been or shall be filed distates

1

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

LEGAL NAME OF INVENTOR	
Inventor: Scott M. Blandford	Date:
Signature:	
LEGAL NAME OF INVENTOR	7
Inventor: Robert A. Lindenberg	Date: 5/7/2015
Signature: Watert a-Lindinburg	
LEGAL NAME OF INVENTOR	¥ į
Inventor: Laura Shragowitz	Date: 4/17/15
Signature: Neura Shragains	

LEGAL NAME OF INVENTOR	
Inventor: Charles Reitzel	Date:
Signature:	
LEGAL NAME OF INVENTOR	
LEGAL NAME OF INVENTOR Inventor: Albert F. Cole Jr.	Date:

This
declaration and United States application or PCT international application number assignment is directed to:  DECLARATION  As a below named inventor, I hereby declare that:  The above-identified application was made or authorized to be made by me.  I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.  ASSIGNMENT  For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the
As a below named inventor, I hereby declare that:  The above-identified application was made or authorized to be made by me.  I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.  ASSIGNMENT  For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the
The above-identified application was made or authorized to be made by me.  I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.  ASSIGNMENT  For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.  ASSIGNMENT  For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.  ASSIGNMENT  For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the
U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.  ASSIGNMENT  For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the
a corporation having a principal place of business at 730 Third Avenue, New York, NY 10017,  ("Assignee"), ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the above identified application and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States

Ł

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continuation applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

LEGAL NAME OF INVENTOR Inventor: Scott M. Blandford Date:
Signature:
LEGAL NAME OF INVENTOR  Inventor: Robert A. Lindenberg Date:  Signature:
LEGAL NAME OF INVENTOR Inventor: Laura Shragowitz Date: Signature:

LEGAL NAME OF INVENTOR Inventor: Charles Reitzel Signature:	Date: _	April 29, 2015
LEGAL NAME OF INVENTOR	\	
Inventor: Albert F. Cole Jr.	Date: _	
Signature:		

Title of Invention	PROVIDING SEARCH-DIRECTED USER INTERFACE FOR ONLINE BANKING APPLICATIONS			
This declaration and assignment is directed to:	United States application or PCT international application number			
DECLARA	ATION			
As a below	named inventor, I hereby declare that:			
The above	e-identified application was made or authorized to be made by me.			
I believe th	nat I am the original inventor or an original joint inventor of a claimed invention in the application.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
ASSIGNM	ENT			
For good a	and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the			
undersigne	ed, hereby sell, assign, and transfer to <u>Teachers Insurance and Annuity Association of America.</u>			
a corporati	on having a principal place of business at 730 Third Avenue, New York, NY 10017.			
and interest improvement (provisional applicational applicational	("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, st for the United States and all foreign countries, in and to any and all inventions or ents that are disclosed in the above identified application and in and to said application all or non-provisional) and all provisional applications, non-provisional applications, utility s, design applications, divisional applications, continuation applications, continued prosecution s, continuation-in-part applications, substitute applications, renewal applications, reissue s, reexaminations, extensions, and all other patent applications that have been or shall be filed sed States			

1

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

LEGAL NAME OF INVENTOR	
Inventor: Scott M. Blandford	Date:
Signature:	
LEGAL NAME OF INVENTOR	
Inventor: Robert A. Lindenberg	Date:
Signature:	
LEGAL NAME OF INVENTOR	
Inventor: Laura Shragowitz	Date:
Signature:	

2

Attorney Docket No. T2038.17

REEL: 054426 FRAME: 0926

LEGAL NAME OF INVENTOR	
Inventor: Charles Reitzel	Date:
Signature:	
LEGAL NAME OF INVENTOR	
Inventor: Albert F. Cole Jr.	Date: 4/13/15
Signature:	

Attorney Docket No. T2038.17

**RECORDED: 11/20/2020** 

3