### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL KERN	02/21/2018
MISTY RITCHIE	02/14/2018
QIYI LU	02/14/2018

#### **RECEIVING PARTY DATA**

Name:	WELLS FARGO BANK, N.A.	
Street Address:	420 MONTGOMERY STREET	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94104	

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

Property Type	Number
Application Number:	15642961

#### CORRESPONDENCE DATA

Fax Number: (216)916-2459

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: 216-781-1212

Email: patents@walterhav.com

WALTER | HAVERFIELD, LLP, JAMES J. PINGOR Correspondent Name:

Address Line 1: THE TOWER AT ERIEVIEW

Address Line 2: 1301 EAST 9TH STREET, STE 3500

Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	76750-187US-000	
NAME OF SUBMITTER:	JAMES J. PINGOR	
SIGNATURE: /JAMES J. PINGOR/		
DATE SIGNED:	02/21/2018	

#### **Total Attachments: 3**

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# **PATENT ASSIGNMENT**

We, Daniel Kern, Misty Ritchie, and Qiyi Lu ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "IDENTIFICATION AND MANAGEMENT OF FREQUENTLY ASKED QUESTIONS" ("APPLICATION"), which:
will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests ASSIGNEE'S legal representatives of Walter   Haverfield LLP, The Tower at Erieview, 1301 East 9 <sup>th</sup> Street, Suite 3500, Cleveland, Ohio 44114, who are associated with customer number 26672, to insert here in parenthesis (U.S. Serial No this APPLICATION'S U.S. Serial Number and filing date, when known;
was filed on July 6, 2017 and was given U.S. Serial No. 15/642,961;
Wells Fargo Bank, N.A., on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);
ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).
This Patent Assignment may be executed in counterparts, each of which when so executed and delivered shall be deemed an original, but such counterparts together shall constitute one and the same instrument.
2/21/2018 Date  Daniel Kern
Date Misty Ritchie
Date Qiyi Lu

### PATENT ASSIGNMENT

matter ("INVENTION") disclosed an	nie, and Qiyi Lu ("ASSIGNORS"), have invented subject ad/or claimed in a patent application entitled EMENT OF FREQUENTLY ASKED QUESTIONS"
authorizes, and requests ASSIGNER Tower at Erieview, 1301 East 9 <sup>th</sup> Str with customer number 26672, to inse	s executed PATENT ASSIGNMENT. ASSIGNOR hereby E'S legal representatives of Walter   Haverfield LLP, The eet, Suite 3500, Cleveland, Ohio 44114, who are associated at here in parenthesis (U.S. Serial No
was filed on July 6, 2017	and was given U.S. Serial No. <u>15/642.961</u> ;
("ASSIGNEE"), is entitled to, and is and interest in the INVENTION and	on behalf of itself and its successors and assigns a desirous of acquiring, the entire and exclusive rights, title the APPLICATION (and all other applications and patents applications, in and for the United States, its territories, TION DERIVATIVES");
ASSIGNORS, the ASSIGNORS her	deration, the receipt of which is hereby acknowledged by the reby sell, assign and transfer to the ASSIGNEE, the entire erest in the INVENTION and the APPLICATION (and
and prosecution of the APPLICAT	ite all instruments and documents required for the making ION (and APPLICATION DERIVATIVES), for litigation efrom, and for the purpose of protecting and perfecting title ATION DERIVATIVES).
	ay be executed in counterparts, each of which when so leemed an original, but such counterparts together shall ent.
Date	Daniel Kern
$\frac{2-14-2018}{\text{Date}}$	Misty Ritchie
Date	Qiyi Lu
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## PATENT ASSIGNMENT

We, Daniel Kern, Misty Ritchie, and Qiyi Lu ("ASSIGNORS"), have invented subject

	and/or claimed in a patent application entitled AGEMENT OF FREQUENTLY ASKED QUESTIONS"			
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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);				
and prosecution of the APPLICA	ecute all instruments and documents required for the making ATION (and APPLICATION DERIVATIVES), for litigation erefrom, and for the purpose of protecting and perfecting title ICATION DERIVATIVES).			
<del>-</del>	may be executed in counterparts, each of which when so deemed an original, but such counterparts together shall ment.			
Date	Daniel Kern			
Date	Misty Ritchie			
714/18 Date	Qiyi Ku			
{02530087 - 1}				

**RECORDED: 02/21/2018**