10/06/2017 504582939

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAREN NICKERSON	01/24/2017
JUSTIN WISHNE	02/03/2017
DREW JACOBS	01/25/2017
JUSTIN SMITH	01/27/2017
MARCO S. GIAMPAOLO	02/03/2017
HANNES JOUHIKAINEN	01/25/2017

RECEIVING PARTY DATA

Name:	CAPITAL ONE SERVICES, LLC
Street Address:	1680 CAPITAL ONE DRIVE
City:	MCLEAN
State/Country:	VIRGINIA
Postal Code:	22012

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15667043

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	COF0013
NAME OF SUBMITTER:	JOHN A. MORRISSETT
SIGNATURE:	/John A. Morrissett/
DATE SIGNED:	10/06/2017

PATENT REEL: 043802 FRAME: 0549 504582939

Total Attachments: 8 source=COF0013_Assignment#page1.tif source=COF0013_Assignment#page2.tif source=COF0013_Assignment#page3.tif source=COF0013_Assignment#page4.tif source=COF0013_Assignment#page5.tif source=COF0013_Assignment#page6.tif source=COF0013_Assignment#page7.tif source=COF0013_Assignment#page8.tif

PATENT REEL: 043802 FRAME: 0550

ASSIGNMENT

WHEREAS, We, Karen Nickerson, Justin Wishne, Drew Jacobs, Justin Smith, Marco S. Giampaolo and Hannes Jouhikainen (collectively, "Assignor"), have invented certain improvements in SYSTEMS AND METHODS FOR FACILITATING A TRANSACTION RELATING TO NEWLY IDENTIFIED ITEMS USING AUGMENTED REALITY, for which U.S. Provisional Patent Application No. 62/437,711 was filed on December 22, 2016, and for which future applications may be filed, (collectively referred to as the "Application"), and whereas

CAPITAL ONE SERVICES, LLC 1680 Capital One Drive McLean, VA 22012 United States of America

("Assignee") desires to purchase all the rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said Assignee, the receipt and sufficiency of which are hereby acknowledged, Assignor has and by these presents does hereby sell, assign, transfer and convey unto said Assignee all of Assignor's rights, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States thereof; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to Assignee, for its interest and for the sole use and benefit of Assignee and its assigns and legal representatives.

For the same consideration, Assignor, by these presents does sell, assign, and transfer to Assignee all of Assignor's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of Assignee or its designee, insofar as permitted by applicable law.

For the same consideration, Assignor agrees, without charge to Assignee, but at Assignee's expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid Assignee its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

TROUTMAN SANDERS AND, for the same consideration, Assignor also hereby sells, assigns and transfers unto Assignee all of Assignor's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

	<u> </u>	M'	ni	(SEAL)
A	KAREN	NICKE	RSON	
Witnessed by: Signature	<u> </u>	Date:	1/29/12	
Signature				
JUSTAV. WISH	<u> </u>			
Printed Name of Wi			<i>f</i>	
Witnessed by: Signature		Date:	1/24/17	
	managaran	j	/ 1	
Printed Name of Wi	<u>natolo</u>			

IN WITNESS WHEREOF, I have here feldwark, 2017.	unto set my hand and seal this day of
, 2017.	Just Vin (SEAL)
, \ / лу я	STIN WISHNE
Witnessed by: Signature	Date: 2/3/17
MATICO GLAM PAULO Printed Name of Witness	
Witnessed by: Heale Polent	Date: $\frac{2}{3}(30)$
Signature	
Gerald Robert	<u> </u>
Printed Name of Witness	

REEL: 043802 FRAME: 0553

IN WIT	TNESS WHEREOF, I have hereunto , 2017.	set my hand and seal this	day of
		JA/COBS	(SEAL)
Witnessed by:	2. Accession Signature	Date: 01/25/201	7_
	ZVIAD AZNAURASHVILI Printed Name of Witness		
Witnessed by:	Signature	Date: 1/25/20	17
	Stur Blanchet Printed Name of Witness		

REEL: 043802 FRAME: 0554

IN WITNESS WHEREOF, I have hereunto	o set my hand and seal this 23 day of
JANUARY , 2017.	
	SA M (SEAL)
JUSTI	N SMITH
Witnessed by: Signature	Date: 1/2 4 /17
Mathew Dabney Printed Name of Witness	
Witnessed by: June Main	Date: 1/27/17
// Signature	
JUSTIN WISHIE	
Printed Name of Witness	

IN WITNESS WHEREOF, I have I	hereunto set	t my han	d and seal, this	day of
_teburary, 2017.		1		
)	_W	1/2		EAL)
	MARCØ S	S. GIAN	IPXOLØ /	
Witnessed by: Signature	_/	Date	02:03:201	7
KAREN NICKTESS Printed Name of Witness	<u>a</u> n			
Witnessed by: Signature		Date: _	2/3/2017	_
· · ·				
JUSTIN WISHNE				
Printed Name of Witness				

2 anua	rness whereof, I have hereunto and the property of the propert	set my ha	and and seal this day of
	HANNE	SIOUT	(SEAL)
Witnessed by:	Z. Asignaturo	Date:	01/25/2017
Witnessed by:			1/25/2017
	Signature Stwc Blanchet Printed Name of Witness		

transfer and conveyance unto said Assigned	nee hereby accepts from Assignor the sale, assignment, a of the full, exclusive and entire right, title, and interest dications and Related Foreign Applications, by its duly, 2017.
	CAPITAL ONE SERVICES, LLC (Assignee) By: Name: Dennis Browne Title: Authorized Signatory
Witnessed by:Signature	Date: 3/8/01/7
Printed Name of Witness Witnessed by: Signature	Date:
Printed Name of Witness	

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RECORDED: 10/06/2017

TROUTMAN SANDERS PATENT REEL: 043802 FRAME: 0558