506836613 08/25/2021 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6883434

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
BRIAN BARRITT			07/13/2017
SHARATH ANANTH			07/14/2017
RECEIVING PARTY DA	ТА		
Name:	X DEVELOPMENT LLC		
Street Address:	1600 AMPHITHEATRE PARKWAY		
City:	MOUNTAIN VIEW		
State/Country:	CALIFORNIA		
Postal Code:	94043		
PROPERTY NUMBERS	Total: 1		
Property Type		Number	
Application Number:		7405268	
	e sent to a provided; 1 P	t he e-mail address first; if that is unsuc if that is unsuccessful, it will be sent v 9087381770 TO@BCIPLAW.COM OTOS CHURCHILL IP LAW LLP	
Address Line 1:		30 MOUNTAIN AVENUE	

Address Line 2: SUITE 401

Address Line 4: NEW PROVIDENCE, NEW JERSEY 07974

ATTORNEY DOCKET NUMBER:	LOON 3.0F-047 CC [9309]			
NAME OF SUBMITTER:	IDA ZAZZALI			
SIGNATURE:	/Ida Zazzali/			
DATE SIGNED:	08/25/2021			
Total Attachments: 2				
source=Assignment_Inventors-to-XDEVELOPMENT-LLC#page1.tif				
source=Assignment_Inventors-to-XDEVELOPMENT-LLC#page2.tif				

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

ATOZX 3.0F-047

WHEREAS, I, Brian Barritt of San Jose, California, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "CONTENT DELIVERY OVER TRANSIENT ACCESS NETWORKS" (hereafter "Patent Application"),

x WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on July 12, 2017, Application Number 15/647,811, and

WHEREAS (if the left box is checked), the Patent Application names the following inventors: (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application __, filed on ___ ______] the application number and filing date of the application when

known), and

No.

WHEREAS, X Development LLC, incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway; Mountain View, California 94043 (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

7/13/2017

(Date)

DocuSigned by: Bit

C25B34ED9E6D419.

(Signature)

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

ATOZX 3.0F-047

WHEREAS, I, Sharath Ananth of Cupertino, California, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "CONTENT DELIVERY OVER TRANSIENT ACCESS NETWORKS" (hereafter "Patent Application"),

WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and x Trademark Office on July 12, 2017, Application Number 15/647,811, and

WHEREAS (if the left box is checked), the Patent Application names the following inventors: and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application ___, filed on

known), and

No.

WHEREAS, X Development LLC, incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway; Mountain View, California 94043 (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

7/14/2017

(Date)

DocuSianed by Hth 55ABAD87F78459

(Signature)