506424702 12/29/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6471468

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EMNA BACCOUR	11/22/2020
FATIMA HAOUARI	11/22/2020
AIMAN ERBAD	12/07/2020
AMR MOHAMED	11/22/2020
MOHSEN GUIZANI	12/07/2020

RECEIVING PARTY DATA

Name:	QATAR FOUNDATION FOR EDUCATION, SCIENCE AND COMMUNITY DEVELOPMENT
Street Address:	P.O. BOX 5825
City:	DOHA
State/Country:	QATAR

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	17069067			

CORRESPONDENCE DATA

Fax Number: (312)827-8185

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: 312.372.1121

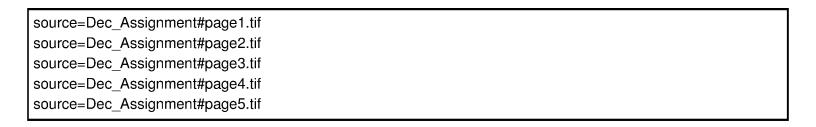
Email: chicago.patents@klgates.com

MATTHEW S. DICKE **Correspondent Name: K&L GATES LLP** Address Line 1: Address Line 2: P.O. BOX 1135

Address Line 4: CHICAGO, ILLINOIS 60690-1135

ATTORNEY DOCKET NUMBER:	5600234.00462
NAME OF SUBMITTER:	MATTHEW S. DICKE
SIGNATURE:	/Matthew S. Dicke/
DATE SIGNED:	12/29/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5



Title of Invention		STING AND RESE E STREAMING	RVATION OF TRANSCODING RES	SOURCES	Attorney Docket No. 5600234.00462 (2019-049-02)	
As the below na	amed inve	ntor, I hereby declar	re that:			
This declaration						
	\boxtimes	United States appl	ication or PCT international applicat	ion number	17/069,067	
		filed on Octobe	r 13, 2020			
The above-ider	ntified appli	cation was made o	r authorized to be made by me.			
I believe that I a	am the orig	inal inventor or an	original joint inventor of a claimed in	vention in the	application.	
laws of Qatar a Foundation for organized and	nd having Education, existing un	its principal office a Science and Comr der the laws of Qat	er "ASSIGNEE"), a corporation duly nd place of business at P.O. Box 27 munity Development (hereinafter "As ar and having its principal office and re right, title, and interest therein;	′13, Doha, Qa SSIGNEE"), a	itar; and Qatar corporation duly	
and sufficiency ASSIGNEE, its invention in the described in the as the same we without limitatio together with al divisions, continuablication, and all foreign obasis for the aforements of the same commissioner of the same and sufficiency of the same commissioner of the	NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.					
I hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.						
I furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.						
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.						
LEGAL NAME OF INVENTOR						
Inventor: Em	na Baccou	r	Date:	11/22/2020		
Signature:						
	Emna Baccour					

Title of Invention	FORECASTING AND RESERVATION OF TRANSCODING RESOURCES FOR LIVE STREAMING				Attorney Docket No. 5600234.00462 (2019-049-02)	
As the below n	amed inve	ntor, I hereby declare that:				
This declaration is directed to:	n 🗆	The attached application, or				
		United States application or P	CT international applica	ation number	17/069,067	
		filed on October 13, 2020				
The above-ider	ntified appl	ication was made or authorized	d to be made by me.			
I believe that I	am the orio	ginal inventor or an original join	it inventor of a claimed i	nvention in the	application.	
laws of Qatar a Foundation for organized and	nd having Education existing ur	University (hereinafter "ASSIGN its principal office and place of , Science and Community Devoter the laws of Qatar and having to acquire the entire right, title	business at P.O. Box 2 elopment (hereinafter "A ing its principal office an	713, Doha, Qa ASSIGNEE"), a	atar; and Qatar a corporation duly	
and sufficiency ASSIGNEE, its invention in the described in the as the same we without limitation together with all divisions, continuapplication, and all foreign basis for the afficommissioner	NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.					
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LEGAL NAME OF INVENTOR						
Inventor: Fat	ima Haoua	ari	Date:	22 Nov 202	0	
Signature:	aouar	;				

COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention		STING AND RESERVATION OF T E STREAMING	Attorney Docket No. 5600234.00462 (2019-049-02)					
As the below na	amed inve	ntor, I hereby declare that:						
This declaration is directed to:	n 🗆	The attached application, or						
	\boxtimes	United States application or PCT in	United States application or PCT international application number 17/069,067					
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The above-ider	ntified appli	ication was made or authorized to b	e made by me.					
I believe that I	am the orig	inal inventor or an original joint inve	ntor of a claimed in	vention in the	application.			
laws of Qatar a Foundation for organized and	nd having Education, existing un	Iniversity (hereinafter "ASSIGNEE") its principal office and place of busin Science and Community Develope der the laws of Qatar and having its s to acquire the entire right, title, and	ness at P.O. Box 27 nent (hereinafter "A principal office and	'13, Doha, Qa SSIGNEE"), a	atar; and Qatar a corporation duly			
and sufficiency ASSIGNEE, its invention in the described in the as the same we without limitation together with all divisions, continual application, and and all foreign of basis for the affi- Commissioner	NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.							
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	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.							
LEGAL NAME OF INVENTOR								
Inventor: Aim	nan Erbad		Date:	Dec 7 th , 202	20			
Signature:		2						

Title of Invention		ASTING AND RESERVATION OF T E STREAMING	Attorney Docket No. 5600234.00462 (2019-049-02)				
As the below n	amed inve	ntor, I hereby declare that:					
This declaration is directed to:	ח 🗆	☐ The attached application, or					
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LEGAL NAME OF INVENTOR							
Inventor: Am	r Mohame	d	_ Date:	22 Nov 202	0		
Signature:			Şiiii				

Title of Invention	FORECA FOR LIVE	Attorney Docket No. 5600234.00462 (2019-049-02)				
As the below na	amed inver	ntor, I hereby declare that:				
This declaration is directed to:	n 🗆	The attached application, or				
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LEGAL NAME	OF INVEN	TOR				
Inventor: Mol	hsen Guiza	เท่	Date:	Dec 7 th , 202	0	
Signature:		Julien Lad				

PATENT REEL: 054763 FRAME: 0027

RECORDED: 12/29/2020