# **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6635174

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TARUN GUPTA	03/26/2021
MAYANK SHARMA	03/30/2021
XIANG HAO	03/26/2021
MUHAMMAD RAFFAY HAMID	03/26/2021
ZHITAO QIU	03/26/2021

#### **RECEIVING PARTY DATA**

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City:	SEATTLE
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Postal Code:	98108-1226

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17218009

### **CORRESPONDENCE DATA**

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Address Line 4: AUSTIN, TEXAS 78746

ATTORNEY DOCKET NUMBER:	7924-33700
NAME OF SUBMITTER:	ROBERT C. KOWERT
SIGNATURE:	/Robert C. Kowert/
DATE SIGNED:	04/01/2021

**Total Attachments: 9** 

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PATENT REEL: 055797 FRAME: 0113

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U.S. Patent Appln. No Filing Date	Attorney Docket No. 7924-33700 Client Docket No. P73307-US01
PARTIES TO THE ASSIGNMENT	
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Tarun Gupta 410 Terry Avenue North	
Seattle, WA 98109-5210	
Mayank Sharma 410 Terry Avenue North Seattle, WA 98109-5210	
Xiang Hao 410 Terry Avenue North	
Seattle, WA 98109-5210	
Muhammad Raffay Hamid	
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Seattle, WA 98109-5210	
Zhitao Qiu	
410 Terry Avenue North Seattle, WA 98109-5210	
Assignee:	
Amazon Technologies, Inc.	
PO Box 81226 Seattle, WA 98108-1226	
AGREEMENT	
WHEREAS, ASSIGNOR(S) (listed above) are invento	or(s) of an invention entitled
"MEDIA CLASSIFICATION USING LOCAL AND GLOBAL AUD	DIO FEATURES" (Invention) for which a
non-provisional application for United States Letters Pater	nt (Application):
was filed on and accorded U.S. Ap	pplication No; or
will be filed concurrently with the submission	of this executed PATENT ASSIGNMENT
for recordation. ASSIGNOR(S) hereby author	orizes and requests ASSIGNEE'S legal

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U.S. Patent Appln. No	Attorney Docket No. 7924-33700
Filing Date	Client Docket No. P73307-US01

Title of Invention: MEDIA CLASSIFICATION USING LOCAL AND GLOBAL AUDIO FEATURES

Inventors: Tarun Gupta, Mayank Sharma, Xiang Hao, Muhammad Raffay Hamid, Zhitao Qiu

representatives, of Kowert, Hood, Munyon, Rankin & Goetzel, P.C., associated with Customer No. 136594, to insert in the header above and here in parentheses (U.S. Patent Application No. \_\_\_\_\_\_\_, filed \_\_\_\_\_\_\_) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said Application and any and all letters patent which may be granted for said Invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said Application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said Invention, Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks, as well as all other applicable patent offices

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U.S. Patent Appln. No. \_\_\_\_\_

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Attorney Docket No. 7924-33700 Client Docket No. P73307-US01

Filing Date

Title of Invention: MEDIA CLASSIFICATION USING LOCAL AND GLOBAL AUDIO FEATURES

Inventors: Tarun Gupta, Mayank Sharma, Xiang Hao, Muhammad Raffay Hamid, Zhitao Qiu

throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S)

agree to execute all instruments and documents required for the making and prosecution of

applications for United States and foreign letters patent on said Invention, for litigation

regarding said letters patent, or for the purpose of protecting title to said Invention or letters

patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its

successors, legal representatives, and assigns all claims for damages and all remedies arising out

of any violation of the rights assigned hereby that may have accrued prior to the date of

assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue

for, collect, and retain damages for past infringements of said letters patent before or after

issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will

communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to

ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist

in the preparation of any other patent property relating to the Application and the Invention or

any improvements made thereto, sign/execute all lawful papers, provide all requested

documents, execute and make all rightful oaths and/or declarations in connection with the

Application and the Invention including any improvements made thereto, any patent

applications filed therefrom, and any continuing application filed from any of the

aforementioned applications, and generally do everything possible to aid ASSIGNEE, its

successors, legal representatives and assigns, to obtain and enforce proper patent protection for

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U.S. Patent Appln. No Filing Date	Attorney Docket No. 7924-33700 Client Docket No. P73307-US01
Title of Invention: MEDIA CLASSIFICATION USING LOCAL AND G	GLOBAL AUDIO FEATURES
Inventors: Tarun Gupta, Mayank Sharma, Xiang Hao, Muhamm	nad Raffay Hamid, Zhitao Qiu
the Invention in all countries. These provisions are binding	ng upon ASSIGNOR's heirs, legal
representatives, administrators, and assigns.	

U.S. Patent Appln. No Filing Date	Attorney Docket No. 7924-33700 Client Docket No. P73307-US01
Title of Invention: MEDIA CLASSIFICATION USING I	OCAL AND GLOBAL AUDIO FEATURES
Inventors: Tarun Gupta, Mayank Sharma, Xiang Ha	io, Muhammad Raffay Hamid, Zhitao Qiu
<u>DECLARATION</u> As a below named inventor, I hereby declare that:	
This declaration is directed to:	
igstyle igstyle igstyle the attached application; or	
United States Patent Application number	per; or
PCT International Application number	filed on
The above-identified application was made or aut	horized to be made by me.
I believe that I am the original inventor or an original	nal joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the contents of the	ne above-identified application, and
acknowledge the duty to disclose to the US Patent	: & Trademark Office all information known to
me to be material to the patentability as defined i	n 37 CFR 1.56.
I hereby acknowledge that any willful false statem	ent made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of no	t more than five (5) years, or both.
Docusigned by:  / Tanun Gupta/	
Tarun Gupta	
March 26, 2021	
Date	

Filing Date	Attorney Docket No. 7924-33700 Client Docket No. P73307-US01
Title of Invention: MEDIA CLASSIFICATION L	ISING LOCAL AND GLOBAL AUDIO FEATURES
	ang Hao, Muhammad Raffay Hamid, Zhitao Qiu
<u>DECLARATION</u> As a below named inventor, I hereby declare	
This declaration is directed to:	
the attached application; or	
United States Patent Application	number filed on or
PCT International Application nu	mber filed on,
The above-identified application was made of a believe that I am the original inventor or an application.	or authorized to be made by me. I original joint inventor of a claimed invention in the
	ts of the above-identified application, and acknowledge emark Office all information known to me to be 7 CFR 1.56.
I hereby acknowledge that any willful false to 18 USC 1001 by fine or imprisonment of no	statement made in this declaration is punishable under than five (5) years, or both.
Jama	
Mayank Sharma	
30th Morch 2021	
Date	

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U.S. Patent Appln. No Filing Date	Attorney Docket No. 7924-33700 Client Docket No. P73307-US01
Title of Invention: MEDIA CLASSIFICATION	USING LOCAL AND GLOBAL AUDIO FEATURES
Inventors: Tarun Gupta, Mayank Sharma, X	Kiang Hao, Muhammad Raffay Hamid, Zhitao Qiu
<u>DECLARATION</u> As a below named inventor, I hereby declare	e that:
This declaration is directed to:	
the attached application; or	
United States Patent Application	number; or
PCT International Application nu	umber filed on
The above-identified application was made	or authorized to be made by me.
I believe that I am the original inventor or ar	n original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the content	ts of the above-identified application, and acknowledge
the duty to disclose to the US Patent & Trad	emark Office all information known to me to be
material to the patentability as defined in 37	7 CFR 1.56.
I hereby acknowledge that any willful false s	statement made in this declaration is punishable under
18 USC 1001 by fine or imprisonment of not	more than five (5) years, or both.
ـــــــــــــــــــــــــــــــــــــ	
/Xiang Hao/ 	
Xiang Hao	
March 26, 2021	
Date	

U.S. Patent Appln. No Filing Date	Attorney Docket No. 7924-33700 Client Docket No. P73307-US01
Title of Invention: MEDIA CLASSIFICATION (	JSING LOCAL AND GLOBAL AUDIO FEATURES
Inventors: Tarun Gupta, Mayank Sharma, X	iang Hao, Muhammad Raffay Hamid, Zhitao Qiu
<u>DECLARATION</u> As a below named inventor, I hereby declare	that:
This declaration is directed to:	
the attached application; or	
United States Patent Application	number filed on; or
PCT International Application nu	mber filed on
The above-identified application was made of	or authorized to be made by me.
<del>-</del>	original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the content	s of the above-identified application, and acknowledge
the duty to disclose to the US Patent & Trade	emark Office all information known to me to be
material to the patentability as defined in 37	CFR 1.56.
I hereby acknowledge that any willful false st	ratement made in this declaration is punishable under
18 USC 1001 by fine or imprisonment of not	more than five (5) years, or both.
Muhammad Raffay Hamid	
March 26, 2021	
Date	

U.S. Patent Appln. No Filing Date		Attorney Docket No. 7924-33700 Client Docket No. P73307-US01
Title of Invention: MEDIA CLASSIFICATION	USING LOCAL AN	D GLOBAL AUDIO FEATURES
Inventors: Tarun Gupta, Mayank Sharma,	Xiang Hao, Muhar	nmad Raffay Hamid, Zhitao Qiu
DECLARATION		
As a below named inventor, I hereby declar	re that:	
This declaration is directed to:		
igstyle igytyle igstyle igytyle		
United States Patent Applicatio	n number	filed on; or
PCT International Application n	umber	_ filed on
The above-identified application was made	or authorized to b	e made by me.
I believe that I am the original inventor or a	n original joint inve	entor of a claimed Invention in the
application.		
I have reviewed and understand the conter	nts of the above-ide	entified application, and acknowledge
the duty to disclose to the US Patent & Trac	demark Office all ir	nformation known to me to be
material to the patentability as defined in 3	7 CFR 1.56.	
I hereby acknowledge that any willful false	statement made ir	n this declaration is punishable under
18 USC 1001 by fine or imprisonment of no	t more than five (5	) years, or both.
DocuSigned by:		
/Buitas AW 		
Zhitao Qiu		
March 26, 2021		
Date		

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