506551965 03/12/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6598743

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAMESH PERIYATHAMBI	01/07/2019
VINEET BINDAL	01/07/2019
NAGA SITA RAGHURAM NIMISHAKAVI VENKATA	01/07/2019
DEEPTI BHOSALE	01/08/2019
AUSTON MCREYNOLDS	01/07/2019
ANDREW LIN	01/08/2019
LAKSHIMI DURAIVENKATESH	01/07/2019

RECEIVING PARTY DATA

Name:	EBAY INC.	
Street Address:	2025 HAMILTON AVENUE	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95125	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16243880
Application Number:	17200153

CORRESPONDENCE DATA

Fax Number:

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: 5097557262

Email: fig1docket@fig1patents.com

Correspondent Name: FIG. 1 PATENTS
Address Line 1: 116 W PACIFIC AVE

Address Line 2: SUITE 200

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	IP-P3451US2
NAME OF SUBMITTER:	JOHN P. MCDONAGH
SIGNATURE:	/John P. McDonagh/
	PAIENI

506551965 REEL: 055578 FRAME: 0513

DATE SIGNED:	03/12/2021		
Total Attachments: 14	Γotal Attachments: 14		
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PATENT REEL: 055578 FRAME: 0514

Client Docket No.: IP-P3451US1 Attorney Docket No.: EB-00016US

I Ramesh PERIYATHAMBI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ASYNCHRONOUS PREDICTIVE CACHING OF CONTENT LISTED IN **SEARCH RESULTS**" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, eBay Inc., 2025 Hamilton Avenue, San Jose, CA, 95125 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on January 9, 2019 and given 16/243,880 Application No. by the following Office "US -United States Patent and Trademark Office"; this APPLICATION's Application No., filing date, and Office, when known; was filed on _____and was given Application No by the following Office "US - United States Patent and Trademark Office"; eBay Inc., a Delaware corporation, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); ASSIGNOR hereby authorizes. and requests, **ASSIGNEE'S** LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

Client Docket No.: IP-P3451US1 Attorney Docket No.: EB-00016US

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees 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).

Inventor's Signature

ateA

Ramesh PERIYATHAMBI

Printed Name in English

11000

Printed Name in Native Language

(if other than English)

Client Docket No.: IP-P3451US1 Attorney Docket No.: EB-00016US

inventor of subject matter	("INVENTION") disclosed IRONOUS PREDICTIVE CAC	inventor or an original joint and/or claimed in a patent HING OF CONTENT LISTED IN	
ASSIGNEE'S lega San Jose, CA, insert here in p Application No <u>United States F</u>	ASSIGNOR hereby authology and selection of the selection	2025 Hamilton Avenue, REPRESENTATIVES), to ary 9, 2019 and given following Office <u>"US -</u> ce"; this APPLICATION's	
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Inventor's Signature

Vineet BINDAL

Printed Name in English

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mark

Printed Name in Native Language

(if other than English)

Client Docket No.: IP-P3451US1 Attorney Docket No.: EB-00016US

I <u>Naga Sita Raghuram</u> inventor or an original joint invelormed in a patent application of the content LISTED IN SEARCH RE	ventor of subject matter (" on entitled " <u>ASYNCHRONC</u>	OUS PREDICTIVE CACHING OF	
ASSIGNEE'S legal San Jose, CA, 99 insert here in par Application No. <u>United States Pat</u>	ASSIGNOR hereby auth representative, eBay Inc., 5 5125 (ASSIGNEE'S LEGAL entheses (filed on <u>Janua</u> 16/243,880 by the fent and Trademark Office lling date, and Office, whe	2025 Hamilton Avenue, REPRESENTATIVES), to ry 9, 2019 and given following Office <u>"US -</u> e"; this APPLICATION's	
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eBay Inc., a Delaware of assigns ("ASSIGNEE"), is entitle exclusive rights, title and interest the APPLICATION (and all other continuing applications, in who and all foreign countries ("APPL	ed to, and is desirous est, including the right of per er applications and patent ble or in part, in and for th	priority, in the INVENTION and ts derived therefrom, such as	
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Inventor's Signature

Naga Sita Raghuram NIMISHAKAVI VENKATA

Printed Name in English

01/07/2019

Date

west exper, certifications

Printed Name in Native Language (if other than English)

Client Docket No.: IP-P3451US1 Attorney Docket No.: EB-00016US

I <u>Deepti BHOSALE</u> ("ASS inventor of subject matter (application entitled " <u>ASYNCHR</u>	"INVENTION") disclosed	•
SEARCH RESULTS " ("APPLICATIO	N"), which:	
ASSIGNEE'S legal of San Jose, CA, 95 insert here in par Application No. United States Pat	ASSIGNOR hereby auth representative, eBay Inc., 5125 (ASSIGNEE'S LEGAL entheses (filed on <u>Janua</u> 16/243,880 by the fent and Trademark Office ling date, and Office, whe	2025 Hamilton Avenue, REPRESENTATIVES), to ary 9, 2019 and given following Office <u>"US –</u> e"; this APPLICATION's
	and was g by the following Offic nark Office";	
eBay Inc., a Delaware c assigns ("ASSIGNEE"), is entitl exclusive rights, title and interest the APPLICATION (and all other continuing applications, in who and all foreign countries ("APPL	ed to, and is desirous est, including the right of er applications and patent le or in part, in and for th	priority, in the INVENTION and ts derived therefrom, such as
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Client Docket No.: IP-P3451US1 Attorney Docket No.: EB-00016US

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Delan Maria	01/08/2019
Inventor's Signature	Date
Deepti BHOSALE	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: IP-P3451USI Attorney Docket No.: EB-00016US

I Auston McREYNOLDS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ASYNCHRONOUS PREDICTIVE CACHING OF CONTENT LISTED IN **SEARCH RESULTS**" ("APPLICATION"), which:

	ASSIGNEE'S legal results for the same states of the	ASSIGNOR hereby authorepresentative, eBay Inc., 20125 (ASSIGNEE'S LEGAL entheses (filed on Januar 16/243,880 by the fent and Trademark Office where	2025 Hamilton Avenue, REPRESENTATIVES), to ry ^{9, 2019} and given following Office <u>"US –</u> e"; this APPLICATION's
	was filed on	and was gi	ven Application No
		by the following Offic	te "US – United States
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Client Docket No.: IP-P3451US1 Attorney Docket No.: EB-00016US

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Inventor's Signature Auston McREYNOLDS	01/07/19 Date
Printed Name in English	Printed Name in Native Language (if other than English)

Client Docket No.: IP-P3451US1 Attorney Docket No.: EB-00016US

I Andrew LIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ASYNCHRONOUS PREDICTIVE CACHING OF CONTENT LISTED IN SEARCH RESULTS" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, eBay Inc., 2025 Hamilton Avenue, San Jose, CA, 95125 (ASSIGNEE'S LEGAL REPRESENTATIVES), to 16/243,880 Application No. by the following Office "US -United States Patent and Trademark Office"; this APPLICATION's Application No., filing date, and Office, when known: was filed on _____ and was given Application No _ by the following Office "US - United States" Patent and Trademark Office"; eBay Inc., a Delaware corporation, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); ASSIGNOR hereby authorizes. and requests. ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

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A	1/8/2019
Inventor's Signature	Date
Andrew LIN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: IP-P3451US1 Attorney Docket No.: EB-00016US

original joint	t inventor of subjection	ect matter ("INVENTION")	the original inventor or an disclosed and/or claimed in a TVE CACHING OF CONTENT
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Inventor's Signature - ·

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D:

Lakshimi DURAIVENKATESH

Printed Name in English

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