507168073 03/09/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7214919

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OSMAN KOYUNCU	02/20/2019
WILLIAM ALEXANDER DREWRY	02/20/2019

RECEIVING PARTY DATA

Name:	GOOGLE LLC	
Street Address:	1600 AMPHITHEATRE PARKWAY	
City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
Postal Code:	94043	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17645113

CORRESPONDENCE DATA

Fax Number: (208)975-6667

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: 2088133905

Email: sophie@colbynipper.com
Correspondent Name: COLBY NIPPER / GOOGLE
Address Line 1: 291 EAST SHORE DRIVE

Address Line 2: SUITE 200

Address Line 4: EAGLE, IDAHO 83616

ATTORNEY DOCKET NUMBER:	20411900USCON02	
NAME OF SUBMITTER:	STEPHEN M. NIPPER, REG#46,260	
SIGNATURE:	/Stephen M. Nipper/	
DATE SIGNED:	03/09/2022	

Total Attachments: 4

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507168073 PATENT REEL: 059208 FRAME: 0469

Docket No. 20411900US

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Osman Kovuncu

San Diego, CA 92131, USA

have invented Secure Transient Buffer Management (Docket No. 20411900US), described, illustrated,

and claimed in an application for Letters Patent in the United States of America.

WHEREAS, GOOGLE LLC, the ASSIGNEE herein, is a corporation organized and existing

under the laws of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway,

Mountain View, California 94043, USA, desires to acquire the entire right, title and interest in and to said

inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, I, the said ASSIGNOR, have assigned and do hereby assign, transfer and

set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said

inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in

and to patent applications pertaining to or based upon said inventions and applications, including

divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent

which may be granted and issued on said inventions and applications, or any of them, not only for, to and

in the United States of America, its territories and possessions, but for, to and in all countries foreign

thereto, together with and including all priority rights based upon any and all applications in the United

States of America covered by this Assignment.

And for the above-named considerations, I do hereby agree that I will, at the request of said

ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other

papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary

or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to

perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and

Letters Patent.

And for the above-named considerations, I do hereby authorize and empower the ASSIGNEE, its

successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said

PATENT

REEL: 059208 FRAME: 0470

Docket No. 20411900US

inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

--- DocuSigned by:

2/20/2019

OsmaneKovencu

Date

Docket No. 20411900US

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

William Alexander Drewry

Nashville, TN 37215, USA

have invented Secure Transient Buffer Management (Docket No. 20411900US), described, illustrated,

and claimed in an application for Letters Patent in the United States of America.

WHEREAS, GOOGLE LLC, the ASSIGNEE herein, is a corporation organized and existing

under the laws of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway,

Mountain View, California 94043, USA, desires to acquire the entire right, title and interest in and to said

inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, I, the said ASSIGNOR, have assigned and do hereby assign, transfer and

set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said

inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in

and to patent applications pertaining to or based upon said inventions and applications, including

divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent

which may be granted and issued on said inventions and applications, or any of them, not only for, to and

in the United States of America, its territories and possessions, but for, to and in all countries foreign

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or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to

perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and

Letters Patent.

And for the above-named considerations, I do hereby authorize and empower the ASSIGNEE, its

successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said

Page 1 of 2 PATENT

inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

-DocuSigned by:

RECORDED: 03/09/2022

2/20/2019

William:Alexander Drewry ^{*}

Date

PATENT PATENT REEL: 059208 FRAME: 0473