504504911 08/15/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDRE DUARTE	08/07/2017
YINGCHONG SITU	08/08/2017
ROBERT VAN GENT	08/10/2017
WALFREDO CIRNE FILHO	08/07/2017
RAMY ABDELAAL	08/14/2017
SMEETA JALAN	08/07/2017
MAYA HARIDASAN	08/10/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15677916

CORRESPONDENCE DATA

Fax Number: (619)235-0398

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: PROCOPIO, CORY, HARGREAVES & SAVITCH LLP

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Address Line 4: SAN DIEGO, CALIFORNIA 92101

ATTORNEY DOCKET NUMBER:	120167-443UT1
NAME OF SUBMITTER:	MAINAK H. MEHTA
SIGNATURE:	/Mainak H. Mehta/
DATE SIGNED:	08/15/2017

PATENT 504504911 REEL: 043300 FRAME: 0549

Total Attachments: 4

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PATENT REEL: 043300 FRAME: 0550

Assignment

Whereas, We, Alexandre Duarte of Milpitas, CA, Yingchong Situ of Campbell, CA, Robert van Gent of Redwood City, CA, Walfredo Cirne Filho of Palo Alto, CA, Ramy Abdelaal of Waterloo, Ontario, Canada, Smeeta Jalan of San Jose, CA, and Maya Haridasan of San Jose, CA, hereinafter called assignors, have invented certain improvements in SYSTEMS AND METHODS FOR PROVISION OF A GUARANTEED BATCH and executed an application for Letters Patent of the United States of America therefor; and

Whereas, GOOGLE INC., of 1600 Amphitheatre Parkway, Mountain View, CA 94043, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and We request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and We hereby agree that the assignee may apply for foreign Letters Patent on the invention and We will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys PROCOPIO, CORY, HARGREAVES &

SAVITCH LLP of 525 B Street Suite 2200, San Diego, CA 92101 to insert here in parentheses (Application number 15/677.916 and Confirmation number 1926 August 15, 2017) the application number, confirmation number and filing date of said application when known. Marline Date: 8/7/2017 s/ Alexandre Duarte DocuSigned by: Date: 8/8/2017 s/ Yingchong Situ DocuSigned by: Date: 8/10/2017 s/ Robert van Gent DocuSigned by: Date: 8/7/2017 s/ Walfredo Cime Filho

Date:		
		s/ Ramy Abdelaal
		Boousigned by:
Date:	8/7/2017	Smeeta Jalan
		s/ Smeeta Jalan
Date:	8/10/2017	Maya London
		s/ Maya Haridasan

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 043300 FRAME: 0552

Assignment

Whereas, We, Alexandre Duarte of Milpitas, CA, Yingchong Situ of Campbell, CA, Robert van Gent of Redwood City, CA, Walfredo Cirne Filho of Palo Alto, CA, Ramy Abdelaal of Waterloo, Ontario, Canada, Smeeta Jalan of San Jose, CA, and Maya Haridasan of San Jose, CA, hereinafter called assignors, have invented certain improvements in SYSTEMS AND METHODS FOR PROVISION OF A GUARANTEED BATCH and executed an application for Letters Patent of the United States of America therefor; and

Whereas, GOOGLE INC., of 1600 Amphitheatre Parkway, Mountain View, CA 94043, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and We request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and We hereby agree that the assignee may apply for foreign Letters Patent on the invention and We will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

	We hereby authorize and request our attorneys PROCOPIO, CORY, HARGREAVES &
SAVIT	CH LLP of 525 B Street Suite 2200, San Diego, CA 92101 to insert here in parentheses
(Applic	ation number 15/677,916 and Confirmation number 1926 , filed
Augu	st 15, 2017) the application number, confirmation number and filing date of said
applica	tion when known.
	·
Date:	
Date.	
	s/ Alexandre Duarte
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Date:	
	S/ Yingchong Situ
	5) I ingenong ond
Date:	
Date.	
	s/ Robert van Gent
	1
Date:	
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PATENT REEL: 043300 FRAME: 0553 Date: 2017-08-14 Ramy Medhał Abdelaal
s/ Ramy Abdelaal

Date: s/ Smeeta Jalan

Date:

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

s/ Maya Haridasan

PATENT REEL: 043300 FRAME: 0554

RECORDED: 08/15/2017