

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6677407

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	VLADIMIR TANKOVICH	03/15/2021
	CHRISTIAN HAENE	03/18/2021
	SEAN RYAN FRANCESCO FANELLO	03/15/2021
	YINDA ZHANG	03/15/2021
	SHAHRAM IZADI	04/19/2021
	SOFIEN BOUAZIZ	03/15/2021
	ADARSH PRAKASH MURTHY KOWDLE	03/15/2021
	SAMEH KHAMIS	03/15/2021
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:	17249095	
CORRESPONDENCE DATA		
Fax Number:	(202)470-6464	
<i>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.</i>		
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Email:	paralegal@effectualservices.com	
Correspondent Name:	BRAKE HUGHES BELLERMANN LLP	
Address Line 1:	PO BOX 1077	
Address Line 4:	MIDDLETOWN, MARYLAND 21769	
ATTORNEY DOCKET NUMBER:	0059-783001	
NAME OF SUBMITTER:	JARED SCHOLZ	
SIGNATURE:	/Jared Scholz, Reg. No. 64088/	

DATE SIGNED:	04/27/2021
Total Attachments: 3 source=0059-783001_ Executed Assignment#page1.tif source=0059-783001_ Executed Assignment#page2.tif source=0059-783001_ Executed Assignment#page3.tif	

ASSIGNMENT

WHEREAS, I/We, **Vladimir Tankovich**, residing in Seattle, WA, USA, **Christian Haene**, residing in Berkeley, CA, USA, **Sean Ryan Francesco Fanello**, residing in San Francisco, CA, USA, **Yinda Zhang**, residing in Daly City, CA, USA, **Shahram Izadi**, residing in Tiburon, CA, USA, **Sofien Bouaziz**, residing in Los Gatos, CA, USA, **Adarsh Prakash Murthy Kowdle**, residing in San Francisco, CA, USA, and **Sameh Khamis**, residing in Oakland, CA, USA, made certain new and useful inventions and improvements set forth in an application for Letters Patent of the United States entitled **REAL-TIME STEREO MATCHING USING A HIERARCHICAL ITERATIVE REFINEMENT NETWORK**, which was filed on **February 19, 2021** and assigned U.S. Application No. **17/249,095**;

AND WHEREAS, **GOOGLE LLC**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

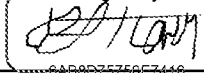
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to

said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

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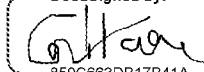


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Vladimir Tankovich

Dated: 3/15/2021

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Christian Haene

Dated: 3/18/2021

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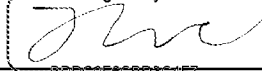


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Sean Ryan Francesco Fanello

Dated: 3/15/2021

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Yinda Zhang

Dated: 3/15/2021

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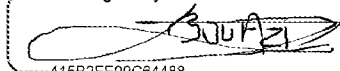


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Shahram Izadi

Dated: 4/19/2021

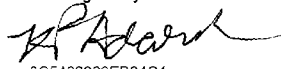
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Sofien Bouaziz

Dated: 3/15/2021

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Adarsh Prakash Murthy Kowdle

Dated: 3/15/2021

DocuSigned by:

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Sameh Khamis

Dated: 3/15/2021