506386501 12/04/2020 PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY	SUBMISSION TYPE:		NEW ASSIGNMENT				
	NATURE OF CONVEYANCE:		ASSIGNMENT				
	DATA						
		Nam	е	Execution Date			
KONSTANTIN LEVIT-GUREVICH					12/03/2020		
RECEIVING PARTY D	ΑΤΑ						
Name:	INTEL	INTEL CORPORATION					
Street Address:	2200 N	2200 MISSION COLLEGE BOULEVARD					
City:	SANTA	SANTA CLARA					
State/Country:	CALIFO	CALIFORNIA					
Postal Code:	95054	95054					
Application Number: 171		17111136					
Application Number.							
CORRESPONDENCE	DATA						
CORRESPONDENCE		(312)580-{	9696				
CORRESPONDENCE Fax Number: <i>Correspondence will</i>	be sent to	(312)580-9 • the e-ma	9696 il address first; if that is unsuccessful, it will be				
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone:	be sent to f provideo	(312)580-{ 5 <i>the e-ma</i> <i>1; if that is</i> 31258010	<i>il address first; if that is unsuccessful, it will be</i> 20				
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email:	be sent to f provideo	(312)580-9 5 the e-ma 1; if that is 31258010 ssmalec@	<i>il address first; if that is unsuccessful, it will be</i> 20 hfzlaw.com	sent via US			
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name	be sent to f provideo :	(312)580- • <i>the e-ma</i> <i>1; if that is</i> 31258010 ssmalec@ HANLEY F	<i>il address first; if that is a unsuccessful, it will be</i> 20 hfzlaw.com FLIGHT & ZIMMERMAN L	sent via US			
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CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	be sent to f provideo :	(312)580-9 5 the e-ma 1; if that is 31258010 ssmalec@ HANLEY F 150 S. WA CHICAGC	<i>il address first; if that is a unsuccessful, it will be</i> 20 hfzlaw.com FLIGHT & ZIMMERMAN L CKER DR., STE. 2200 , ILLINOIS 60606	sent via US			
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CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET M	be sent to f provideo : : NUMBER:	(312)580-9 <i>the e-ma</i> <i>i; if that is</i> 31258010 ssmalec@ HANLEY F 150 S. WA CHICAGC AD2 ANE	<i>il address first; if that is a</i> <i>unsuccessful, it will be</i> 20 hfzlaw.com FLIGHT & ZIMMERMAN LI CKER DR., STE. 2200 , ILLINOIS 60606 700-US DREW R. VARRENTI	sent via US			
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Attorney Docket No.: AD2700-US

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Konstantin Levit-Gurevich

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

METHODS AND APPARATUS TO GENERATE GRAPHICS PROCESSING UNIT LONG INSTRUCTION TRACES

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	December 3	, 2020	as	
United States		Application Number	17/111,136	and
COUNTRY or Inte	emational Office	- approximent reasons		and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and

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the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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

Dec 2020 Konstantin Levit-Gurevich Date signed

。如果不能能能不知道的事实。你不能知道你必须就是要认真是我的意思。" 你们,那么你是你们的你,你就是你。"

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RECORDED: 12/04/2020