

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YONGMAO TANG	09/13/2021
JIANJUN CHEN	09/13/2021
WEI FENG	09/11/2021
SANGEUN HAN	10/07/2021
XI HE	09/13/2021
RECEIVING PARTY DATA	
Name:	NVIDIA CORPORATION
Street Address:	2788 SAN TOMAS EXPRESSWAY
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95051
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17451974
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	smaacdonald@lowenstein.com
Correspondent Name:	LOWENSTEIN SANDLER LLP
Address Line 1:	ONE LOWENSTEIN DRIVE
Address Line 4:	ROSELAND, NEW JERSEY 07068
ATTORNEY DOCKET NUMBER:	38724.108 (L0039PCTC)
NAME OF SUBMITTER:	EUGENE MISHCHENKO, REG 77636
SIGNATURE:	/Eugene Mishchenko/
DATE SIGNED:	10/22/2021
Total Attachments: 5	
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ASSIGNMENT OF PATENT APPLICATION

I the undersigned inventor have invented certain new and useful inventions as set forth in the patent application entitled,

PARALLEL ENCODING OF VIDEO FRAMES WITHOUT FILTERING DEPENDENCY,

filed with the China Intellectual Property Office on September 6, 2021, as PCT International Application Number PCT/CN2021/116711 ("PCT Application") (Attorney Docket No.: 21-SH-1431WO01).

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned inventor hereby:

- 1) Sell, assign and transfer to **NVIDIA Corporation**, a Delaware Corporation having a place of business at 2788 San Tomas Expressway, Santa Clara, California 95051, USA (hereinafter referred to as "ASSIGNEE"), the entire right, title and interest in any inventions disclosed in, patent application(s) (throughout the world) based upon, and Patent(s) (throughout the world) granted upon the information which is disclosed in the PCT Application.
- 2) Authorize and request each governmental entity having the authority to grant Patents (including the Commissioner of Patents of the U.S. Patent and Trademark Office) to issue any Patents resulting from any patent application(s) (including division(s), continuation(s), or reissue(s)) based on the PCT Application to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of any application(s) (throughout the world) based on the PCT Application, and the enforcement of any Patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signature: Yongmao Tang (唐永茂)
Typed Name: Yongmao Tang (唐永茂)

Date: 2021.9.13

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Signature: Jianjun Chen 陈建军
Typed Name: Jianjun Chen (陈建军)

Date: 2021.9.13

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Signature: Wei Feng (冯炜)
Typed Name: Wei Feng (冯炜)

Date: 9/11/2021

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Signature:

Typed Name: Sangeun Han

Date: 10/7/2021

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Signature: Xi He
Typed Name: Xi He (何熙)

Date: 9/13/2021