

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7983970

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	12/22/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.
<b>Street Address:</b>	Room B-0035, 2/F, No. 3 Building,
<b>Internal Address:</b>	No. 30, Shixing Road, Shijingshan District
<b>City:</b>	Beijing
<b>State/Country:</b>	China
<b>Postal Code:</b>	100041
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	18085988
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	4824-32900
<b>NAME OF SUBMITTER:</b>	BRANDT D. HOWELL
<b>SIGNATURE:</b>	/Brandt D. Howell/
<b>DATE SIGNED:</b>	06/01/2023
<b>Total Attachments: 14</b>	
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**ASSIGNMENT OF PATENT RIGHTS FROM BEIJING ZITIAO NETWORK  
TECHNOLOGY CO., LTD. TO BEIJING BYTEDANCE NETWORK TECHNOLOGY  
CO., LTD.**

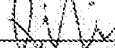
Beijing Zitiao Network Technology Co., Ltd. (北京字节跳动网络技术有限公司), a corporation in China, having a place of business at 0207, 2/F, Building 4, Zijin Digital Park, Haidian District, Beijing 100190, P. R. China, hereby assigns to Beijing Bytedance Network Technology Co., Ltd. (北京字节跳动网络技术有限公司), a corporation in China, having a place of business at Room B-0035, 2/F, No.3 Building, No.30, Shixing Road, Shijingshan District, Beijing 100041, China, and its successors and assigns (collectively hereinafter called "the Assignee"), any and all right, title and interest throughout the world that Beijing Zitiao Network Technology Co., Ltd. owns or may own in any and all inventions and improvements which are described in patents or applications listed in the attached Appendix A.

This assignment includes the entire right, title and interest in each listed patent or application in the attached Appendix A, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of described inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of each listed patent or application in the attached Appendix A under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights.

Beijing Zitiao Network Technology Co., Ltd. and Beijing Bytedance Network Technology Co., Ltd. acknowledge that the foregoing assignments, sale and transfer have been made for good and valuable consideration.

The undersigned is an employee and representative of, and is empowered to execute this assignment on behalf of, Beijing Zitiao Network Technology Co., Ltd.

Date: December 22, 2021

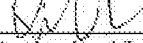
By:   
Qi Li, Authorized Legal Counsel  
Beijing Zitiao Network Technology Co., Ltd.

This Assignment may be executed in counterparts.

ASSIGNEE CONFIRMATION

Beijing Bytedance Network Technology Co., Ltd. acknowledges and agrees to this assignment. The undersigned is an employee and representative of, and is empowered to execute this assignment on behalf of, Beijing Bytedance Network Technology Co., Ltd.

Date: December 22, 2021

By:   
Qi Li, Authorized Legal Counsel  
Beijing Bytedance Network Technology Co., Ltd.

## APPENDIX A

	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
1.	P1809118601H	130408-8075.WO00	PCT/CN2019/130430	2019-12-31	CHROMA CODING WITH MULTIPLE REFERENCE LINES	Hongbin Liu,Li Zhang,Kai Zhang,Jizheng Xu,Yuwen He,Yue Wang
2.	P1809119302H	130408-8081.WO01	PCT/CN2019/122347	2019-12-02	MOTION VECTOR REFINEMENT FOR SUB-BLOCK BASED TECHNOLOGIES	Kai Zhang,Li Zhang,Hongbin Liu,Yue Wang
3.	P1903238202H	130408-8098.WO01	PCT/CN2020/091661	2020-05-21	ESCAPE VALUE CODING, PALETTE SIZE AND SYNTAX ELEMENTS CONDITIONAL BY CHROMA FORMAT	Jizheng Xu,Li Zhang,Yang Wang,Hongbin Liu
4.	P1904274203H	130408-8113.WO02	PCT/CN2019/122366	2019-12-02	SECONDARY TRANSFORM IN VIDEO CODING AND DECODING	Kai Zhang,Li Zhang,Hongbin Liu,Jizheng Xu,Yue Wang
5.	P1904274204H	130408-8113.WO03	PCT/CN2020/081174	2020-03-25	SECONDARY TRANSFORM IN VIDEO CODING AND DECODING	Kai Zhang,Li Zhang,Tianliang Fu,Yue Wang,Siwei Ma
6.	P1904284706H	130408-8124.WO05	PCT/CN2019/127829	2019-12-24	CONTEXT MODELING FOR RESIDUAL CODING	Kui Fan,Li Zhang,Kai Zhang,Hongbin Liu,Yue Wang
7.	P1907355705H	130408-8156.WO04	PCT/CN2019/122606	2019-12-03	GENERAL VIRTUAL BUFFERS FOR INTRA BLOCK COPY	Jizheng Xu,Li Zhang,Kai Zhang,Hongbin Liu
8.	P1907367805H	130408-8158.WO04	PCT/CN2020/084291	2020-04-10	CONSTRAINTS ON SMALL CHROMA CODING BLOCKS	Jizheng Xu,Zhipin Deng,Li Zhang,Hongbin Liu,Kai Zhang

	ByteDance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
9.	P1908371904H	130408-8159.WO03	PCT/CN2019/128124	2019-12-25	METHODS OF SUB-PICTURES IN VIDEO CODING AND DECODING	Kai Zhang,Zhipin Deng,Hongbin Liu,Li Zhang,Jizheng Xu,Ye-Kui Wang
10.	P1908371905H	130408-8159.WO04	PCT/CN2020/071620	2020-01-12	METHODS OF SUB-PICTURES IN VIDEO CODING AND DECODING	Kai Zhang,Zhipin Deng,Hongbin Liu,Li Zhang,Jizheng Xu,Ye-Kui Wang
11.	P1908371906H	130408-8159.WO05	PCT/CN2020/071863	2020-01-13	METHODS OF SUB-PICTURES IN VIDEO CODING AND DECODING	Kai Zhang,Zhipin Deng,Hongbin Liu,Li Zhang,Jizheng Xu,Ye-Kui Wang,Yang Wang
12.	P1908392003H	130408-8167.WO02	PCT/CN2019/129959	2019-12-30	METHODS OF REFERENCE PICTURE RESAMPLING	Kai Zhang,Li Zhang,Hongbin Liu,Zhipin Deng,Jizheng Xu,Yue Wang
13.	P1909408802H	130408-8173.WO01	PCT/CN2020/070347	2020-01-03	PALETTE MODE CODING	Li Zhang,Kai Zhang,Hongbin Liu
14.	P1909414706H	130408-8181.US05	PCT/CN2019/129069	2019-12-27	METHODS ON CONFORMANCE WINDOW IN VIDEO CODING	Kai Zhang,Li Zhang,Hongbin Liu,Zhipin Deng,Jizheng Xu,Ye-Kui Wang
15.	P1909414707H	130408-8181.US06	PCT/CN2020/083315	2020-04-03	METHODS ON CONFORMANCE WINDOW IN VIDEO CODING	Kai Zhang,Li Zhang,Hongbin Liu,Zhipin Deng,Jizheng Xu,Ye-Kui

	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
						Wang
16.	P1910444502H	130408-8191.WO01	PCT/CN2020/080535	2020-03-21	CROSS-COMPONENT LINEAR MODEL PREDICTION	Yang Wang,Li Zhang,Kai Zhang,Hongbin Liu,Yue Wang
17.	P1910444503H	130408-8191.WO02	PCT/CN2020/081958	2020-03-29	CROSS-COMPONENT LINEAR MODEL PREDICTION	Yang Wang,Li Zhang,Kai Zhang,Hongbin Liu,Yue Wang
18.	P1910444504H	130408-8191.WO03	PCT/CN2020/085484	2020-04-18	CROSS-COMPONENT LINEAR MODEL PREDICTION	Yang Wang,Li Zhang,Kai Zhang,Hongbin Liu,Yue Wang
19.	P1911465102H	130408-8200.WO01	PCT/CN2019/128091	2019-12-24	INTER PREDICTION WITH GEOMETRIC PARTITIONING	Zhipin Deng,Li Zhang,Hongbin Liu,Kai Zhang,Jizheng Xu,Yang Wang,Yue Wang
20.	P1911465103H	130408-8200.WO02	PCT/CN2020/071032	2020-01-08	INTER PREDICTION WITH GEOMETRIC PARTITIONING	Zhipin Deng,Li Zhang,Hongbin Liu,Kai Zhang,Jizheng Xu,Yang Wang,Yue Wang
21.	P1911465104H	130408-8200.WO03	PCT/CN2020/071552	2020-01-10	INTER PREDICTION WITH GEOMETRIC PARTITIONING	Zhipin Deng,Li Zhang,Hongbin Liu,Kai Zhang,Jizheng Xu,Yang Wang,Yue Wang
22.	P1911471401H	130408-8204.WO00	PCT/CN2019/124481	2019-12-11	LINE SELECTION AT VIRTUAL BOUNDARY FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING	Yang Wang,Li Zhang,Hongbin Liu,Kai Zhang,Zhipin Deng, Yue Wang

	ByteDance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
23.	P1911471402H	130408-8204.WO01	PCT/CN2020/099604	2020-06-30	LINE SELECTION AT VIRTUAL BOUNDARY FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING	Yang Wang,Hongbin Liu,Li Zhang
24.	P1911471801H	130408-8202.WO00	PCT/CN2019/122946	2019-12-04	PREDICTION FROM MULTIPLE CROSS-COMPONENTS	Junru Li,Meng Wang,Li Zhang,Kai Zhang,Hongbin Liu,Jizheng Xu,Yue Wang,Siwei Ma
25.	P1912477001H	130408-8203.WO00	PCT/CN2019/123670	2019-12-06	UPDATING OF HISTORY BASED MOTION VECTOR PREDICTION TABLES	Li Zhang,Kai Zhang,Hongbin Liu,Yue Wang,Siwei Ma
26.	P1912486101H	130408-8212.WO00	PCT/CN2020/074052	2020-01-26	MOTION COMPENSATION ALONG DIFFERENT DIRECTIONS	Hongbin Liu,Li Zhang,Kai Zhang,Yang Wang,Jizheng Xu,Yue Wang
27.	P1912488101H	130408-8211.WO00	PCT/CN2019/129812	2019-12-30	MULTIPLE SUB-PARTITIONS WITH MOTION VECTOR DIFFERENCES IN VIDEO CODING	Kai Zhang,Li Zhang,Hongbin Liu,Zhipin Deng,Yue Wang
28.	P1912488102H	130408-8211.WO01	PCT/CN2020/083916	2020-04-09	MULTIPLE SUB-PARTITIONS WITH MOTION VECTOR DIFFERENCES IN VIDEO CODING	Kai Zhang,Li Zhang,Hongbin Liu,Zhipin Deng,Yue Wang
29.	P1912488401H	130408-8208.WO00	PCT/CN2019/127388	2019-12-23	MERGE MODE IMPROVEMENT TECHNIQUES	Na Zhang,Hongbin Liu,Li Zhang,Kai Zhang,Yue Wang
30.	P1912503001H	130408-8215.WO00	PCT/CN2019/130368	2019-12-31	ENCODER OPTIMIZATION	Meng Wang,Junru



	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
					WITH ADJUSTED PALETTE CLUSTERING STEPS FOR PALETTE MODE	Li,Li Zhang,Jizheng Xu,Yue Wang,Shiqi Wang
31.	P2001516101H	130408-8219.WO00	PCT/CN2020/074485	2020-02-07	BLOCK VECTOR LIST CONSTRUCTION IN VIDEO PROCESSING	Yang Wang,Li Zhang,Hongbin Liu,Kai Zhang,Yue Wang
32.	P2001516102H	130408-8219.WO01	PCT/CN2020/082125	2020-03-30	BLOCK VECTOR LIST CONSTRUCTION IN VIDEO PROCESSING	Yang Wang,Li Zhang,Hongbin Liu,Kai Zhang,Yue Wang
33.	P2001516103H	130408-8219.WO02	PCT/CN2020/084298	2020-04-10	BLOCK VECTOR LIST CONSTRUCTION IN VIDEO PROCESSING	Yang Wang,Li Zhang,Hongbin Liu,Kai Zhang,Yue Wang
34.	P2001518201H	130408-8218.WO00	PCT/CN2020/074499	2020-02-07	GEOMETRICAL CODING MODES FOR VIDEO CODING	Zhipin Deng,Li Zhang,Kai Zhang
35.	P2002531701H	130408-8220.WO00	PCT/CN2020/075194	2020-02-14	HIGH LEVEL SYNTAX FOR CODED REPRESENTATION OF VIDEO	Zhipin Deng,Li Zhang,Kai Zhang,Ye-Kui Wang,Kui Fan
36.	P2002531801H	130408-8221.WO00	PCT/CN2020/075216	2020-02-14	CONTROL INFORMATION IN CODED REPRESENTATION OF VIDEO	Kai Zhang,Li Zhang,Yang Wang,Ye-Kui Wang,Zhipin Deng,Jizheng Xu,Hongbin Liu
37.	P2002531901H	130408-8253.WO00	PCT/CN2020/092592	2020-05-27	TRANSFORM DESIGN FOR VIDEO CODING	Kui Fan,Li Zhang,Kai Zhang,Yue Wang

	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
38.	P2002534201H	130408-8222.WO00	PCT/CN2020/076158	2020-02-21	PICTURE PARTITIONING IN VIDEO CODING	Kai Zhang,Li Zhang,Ye-Kui Wang,Zhipin Deng,Kui Fan,Jizheng Xu,Hongbin Liu
39.	P2002534202H	130408-8222.WO01	PCT/CN2020/082283	2020-03-31	PICTURE PARTITIONING IN VIDEO CODING	Kai Zhang,Li Zhang,Ye-Kui Wang,Zhipin Deng,Kui Fan,Jizheng Xu,Hongbin Liu
40.	P2002541701H	130408-8226.WO00	PCT/CN2020/077331	2020-02-29	PICTURE PARTITIONING IN VIDEO CODING	Ye-Kui Wang,Zhipin Deng,Li Zhang,Kai Zhang,Jizheng Xu
41.	P2002543002H	130408-8227.WO01	PCT/CN2020/083393	2020-04-04	INITIAL QUANTIZATION PARAMETER AND CHROMA QUANTIZATION PARAMETER TABLES	Jizheng Xu,Li Zhang,Ye-Kui Wang,Kai Zhang,Zhipin Deng
42.	P2002543003H	130408-8227.WO02	PCT/CN2020/084995	2020-04-15	INITIAL QUANTIZATION PARAMETER AND CHROMA QUANTIZATION PARAMETER TABLES	Jizheng Xu,Li Zhang,Ye-Kui Wang,Kai Zhang,Zhipin Deng
43.	P2002543101H	130408-8228.WO00	PCT/CN2020/077325	2020-02-29	CONSTRAINT INFORMATION SYNTAX DESIGN IN VIDEO CODING	Zhipin Deng,Ye-Kui Wang,Li Zhang,Kai Zhang,Kui Fan
44.	P2002543102H	130408-8228.WO01	PCT/CN2020/084560	2020-04-13	CONSTRAINT INFORMATION SYNTAX DESIGN IN VIDEO CODING	Zhipin Deng,Ye-Kui Wang,Li Zhang,Kai

	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
						Zhang,Kui Fan
45.	P2002543103H	130408-8228.WO02	PCT/CN2020/091740	2020-05-22	CONSTRAINT INFORMATION SYNTAX DESIGN IN VIDEO CODING	Zhipin Deng,Ye-Kui Wang,Li Zhang,Kai Zhang
46.	P2002543105H	130408-8228.WO04	PCT/CN2020/092420	2020-05-27	CONSTRAINT INFORMATION SYNTAX DESIGN IN VIDEO CODING	Zhipin Deng,Ye-Kui Wang,Li Zhang,Kai Zhang
47.	P2002543106H	130408-8228.WO05	PCT/CN2020/092955	2020-05-28	CONSTRAINT INFORMATION SYNTAX DESIGN IN VIDEO CODING	Zhipin Deng,Li Zhang
48.	P2002548601H	130408-8229.WO00	PCT/CN2020/078334	2020-03-07	IMPLICIT SELECTION OF TRANSFORM SKIP MODE	Li Zhang,Kai Zhang,Yuhuai Zhang,Hongbin Liu,Yue Wang,Siwei Ma
49.	P2002548602H	130408-8229.WO01	PCT/CN2020/081198	2020-03-25	IMPLICIT SELECTION OF TRANSFORM SKIP MODE	Li Zhang,Kai Zhang,Yuhuai Zhang,Hongbin Liu,Yue Wang,Siwei Ma
50.	P2002548603H	130408-8229.WO02	PCT/CN2020/110427	2020-08-21	IMPLICIT SELECTION OF TRANSFORM SKIP MODE	Li Zhang,Kai Zhang,Yuhuai Zhang,Hongbin Liu,Yue Wang,Siwei Ma
51.	P2002548604H	130408-8229.WO03	PCT/CN2020/131205	2020-11-24	IMPLICIT SELECTION OF TRANSFORM SKIP MODE	Li Zhang,Kai Zhang,Yuhuai Zhang,Hongbin Liu,Yue Wang,Siwei Ma
52.	P2003556301H	130408-8230.WO00	PCT/CN2020/078770	2020-03-11	ENCODED VIDEO SYNTAX IMPROVEMENTS	Zhipin Deng,Ye-Kui Wang,Li Zhang,Kai

	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
						Zhang
53.	P2003556302H	130408-8230.WO01	PCT/CN2020/093641	2020-05-31	ENCODED VIDEO SYNTAX IMPROVEMENTS	Zhipin Deng, Ye-Kui Wang, Li Zhang, Kai Zhang
54.	P2003561001H	130408-8240.WO00	PCT/CN2020/080602	2020-03-23	DEBLOCKING, SCALING, AND PREDICTIVE OPTICAL FLOW CODING OF VIDEO	Zhipin Deng, Li Zhang, Ye-Kui Wang, Kai Zhang, Jizheng Xu
55.	P2003563501H	130408-8234.WO00	PCT/CN2020/079858	2020-03-18	INTRA BLOCK COPY BUFFER AND PALETTE PREDICTOR UPDATE	Jizheng Xu, Li Zhang, Kai Zhang, Hongbin Liu
56.	P2003563801H	130408-8235.WO00	PCT/CN2020/080533	2020-03-21	COMBINATION OF REFERENCE PICTURE RESAMPLING, SUBPICTURES, AND SCALABILITY IN VIDEO CODING	Ye-Kui Wang, Li Zhang, Kai Zhang, Zhipin Deng
57.	P2003563802H	130408-8235.WO01	PCT/CN2020/085483	2020-04-18	COMBINATION OF REFERENCE PICTURE RESAMPLING, SUBPICTURES, AND SCALABILITY IN VIDEO CODING	Ye-Kui Wang, Li Zhang, Kai Zhang, Zhipin Deng
58.	P2003563803H	130408-8235.WO02	PCT/CN2020/085489	2020-04-19	COMBINATION OF REFERENCE PICTURE RESAMPLING, SUBPICTURES, AND SCALABILITY IN VIDEO CODING	Ye-Kui Wang, Li Zhang, Kai Zhang, Zhipin Deng
59.	P2003563804H	130408-8235.WO03	PCT/CN2020/097293	2020-06-20	COMBINATION OF REFERENCE PICTURE	Zhipin Deng, Li Zhang

	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
					RESAMPLING, SUBPICTURES, AND SCALABILITY IN VIDEO CODING	
60.	P2003573001H	130408-8244.WO00	PCT/CN2020/082728	2020-04-01	SYNTAX FOR APS, DEBLOCKING, SUBPICTURE, QP DELTA AND CHROMA QP MAPPING TABLE IN VIDEO CODING	Zhipin Deng,Li Zhang,Ye-Kui Wang,Kai Zhang,Jizheng Xu
61.	P2003573002H	130408-8244.WO01	PCT/CN2020/083569	2020-04-07	SYNTAX FOR APS, DEBLOCKING, SUBPICTURE, QP DELTA AND CHROMA QP MAPPING TABLE IN VIDEO CODING	Zhipin Deng,Li Zhang,Ye-Kui Wang,Kai Zhang,Jizheng Xu
62.	P2003573003H	130408-8244.WO02	PCT/CN2020/083967	2020-04-09	SYNTAX FOR APS, DEBLOCKING, SUBPICTURE, QP DELTA AND CHROMA QP MAPPING TABLE IN VIDEO CODING	Zhipin Deng,Li Zhang,Ye-Kui Wang,Kai Zhang,Jizheng Xu
63.	P2003573004H	130408-8244.WO03	PCT/CN2020/084295	2020-04-10	SYNTAX FOR APS, DEBLOCKING, SUBPICTURE, QP DELTA AND CHROMA QP MAPPING TABLE IN VIDEO CODING	Zhipin Deng,Li Zhang,Ye-Kui Wang,Kai Zhang,Jizheng Xu
64.	P2003573005H	130408-8244.WO04	PCT/CN2020/085445	2020-04-17	SYNTAX FOR APS, DEBLOCKING, SUBPICTURE, QP DELTA AND CHROMA QP MAPPING TABLE IN VIDEO CODING	Zhipin Deng,Li Zhang,Ye-Kui Wang,Kai Zhang
65.	P2003573006H	130408-8244.WO05	PCT/CN2020/085740	2020-04-20	SYNTAX FOR APS, DEBLOCKING, SUBPICTURE, QP DELTA AND CHROMA QP MAPPING TABLE	Zhipin Deng,Li Zhang,Ye-Kui Wang,Kai Zhang

	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
					IN VIDEO CODING	
66.	P2003573701H	130408-8247.WO00	PCT/CN2020/082983	2020-04-02	COEFFICIENTS CODING IN TRANSFORM SKIP MODE AND NON-VCL DATA REPETITION AND UPDATE	Ye-Kui Wang, Weijia Zhu, Li Zhang, Zhipin Deng
67.	P2004593801H	130408-8250.WO00	PCT/CN2020/088546	2020-05-01	CONTEXT DERIVATION FOR AMVR AND BLOCK PARTITIONING	Yang Wang, Li Zhang, Zhipin Deng, Kai Zhang, Hongbin Liu
68.	P2005611901H	130408-8254.WO00	PCT/CN2020/091533	2020-05-21	REFERENCE PICTURE RESAMPLING IN VIDEO CODING	Ye-Kui Wang, Zhipin Deng, Kai Zhang, Li Zhang
69.	P2005612001H	130408-8255.WO00	PCT/CN2020/091696	2020-05-22	SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS IN VIDEO CODING	Ye-Kui Wang, Zhipin Deng, Kai Zhang, Li Zhang
70.	P2005613801H	130408-8256.WO00	PCT/CN2020/091758	2020-05-22	PARAMETER SETS AND PICTURE HEADER IMPROVEMENTS IN VIDEO CODING	Ye-Kui Wang, Zhipin Deng
71.	P2006622701H	130408-8262.WO00	PCT/CN2020/094397	2020-06-04	REFERENCE PICTURE RESAMPLING, AU DELIMITER, AND GENERAL CONSTRAINTS INFORMATION IN VIDEO CODING	Li Zhang, Zhipin Deng, Ye-Kui Wang, Kai Zhang
72.	P2006622702H	130408-8262.WO01	PCT/CN2020/095688	2020-06-11	REFERENCE PICTURE RESAMPLING, AU DELIMITER, AND GENERAL CONSTRAINTS INFORMATION IN VIDEO CODING	Li Zhang, Zhipin Deng, Ye-Kui Wang, Kai Zhang

	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
73.	P2006622703H	130408-8262.WO02	PCT/CN2020/097390	2020-06-22	REFERENCE PICTURE RESAMPLING, AU DELIMITER, AND GENERAL CONSTRAINTS INFORMATION IN VIDEO CODING	Zhipin Deng, Ye-Kui Wang, Li Zhang
74.	P2006624401H	130408-8263.WO00	PCT/CN2020/094716	2020-06-05	ON INTRA BLOCK COPY	Hongbin Liu, Yue Wang
75.	P2006624402H	130408-8263.WO01	PCT/CN2020/094930	2020-06-08	ON INTRA BLOCK COPY	Hongbin Liu, Yue Wang
76.	P2006624403H	130408-8263.WO02	PCT/CN2020/110325	2020-08-20	ON INTRA BLOCK COPY	Hongbin Liu, Yue Wang, Junru Li
77.	P2006624404H	130408-8263.WO03	PCT/CN2020/122105	2020-10-20	ON INTRA BLOCK COPY	Hongbin Liu, Kai Zhang, Li Zhang, Yue Wang, Junru Li, Siwei Ma
78.	P2006624405H	130408-8263.WO04	PCT/CN2020/122367	2020-10-21	ON INTRA BLOCK COPY	Hongbin Liu, Kai Zhang, Li Zhang, Yue Wang, Junru Li, Tianliang Fu, Siwei Ma
79.	P2006626001H	130408-8264.WO00	PCT/CN2020/094839	2020-06-08	AFFINE PREDICTION IN VIDEO CODING	Kai Zhang, Yuwen He, Li Zhang, Hongbin Liu, Tianliang Fu, Junru Li, Siwei Ma
80.	P2006626003H	130408-8264.US02	PCT/CN2020/110663	2020-08-22	AFFINE PREDICTION IN VIDEO CODING	Kai Zhang, Li Zhang, Tianliang Fu, Hongbin Liu
81.	P2009728401H	130408-	PCT/CN2020/117596	2020-09-25	VIDEO CODING IMPROVEMENTS	Ye-Kui Wang, Zhipin

	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	FILING DATE	TITLE	INVENTORS
		8279.WO00			RELATED TO POC, SEI, AND SUBPICTURE SUB-BITSTREAM EXTRACTION	Deng
82.	P2009733701H	130408-8280.WO00	PCT/CN2020/118711	2020-09-29	SIGNALING OF SCALABILITY DIMENSION INFORMATION IN VIDEO BITSTREAMS	Ye-Kui Wang, Li Zhang, Kai Zhang, Zhipin Deng
83.	P2012789601H	130408-8285.WO00	PCT/CN2020/134201	2020-12-07	SYMMETRIC INTRA BLOCK COPY MODE	Kai Zhang, Li Zhang, Hongbin Liu, Yuhuai Zhang, Siwei Ma
84.	P2012791301H	130408-8287.WO00	PCT/CN2020/138662	2020-12-23	VIDEO DECODER INITIALIZATION INFORMATION	Ye-Kui Wang, Kai Zhang, Li Zhang, Yang Wang, Jizheng Xu, Zhipin Deng
85.	P2012791302H	130408-8287.WO01	PCT/CN2021/070411	2021-01-06	VIDEO DECODER INITIALIZATION INFORMATION	Ye-Kui Wang, Kai Zhang, Li Zhang, Yang Wang, Jizheng Xu, Zhipin Deng

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