

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT6932490

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BYTEDANCE, INC.	05/28/2021
<b>RECEIVING PARTY DATA</b>	
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<b>Postal Code:</b>	KY1-1205
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17200631
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<b>ATTORNEY DOCKET NUMBER:</b>	041729.00018
<b>NAME OF SUBMITTER:</b>	JAMES BINDSEIL
<b>SIGNATURE:</b>	/James Bindseil/
<b>DATE SIGNED:</b>	09/23/2021
<b>Total Attachments: 4</b>	
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source=041729-00018_Assignment-Bytedance-Lemon_As_Filed_September_23_21#page4.tif	

# **Company To Company Assignment**

## **(WORLDWIDE PATENT RIGHTS)**

WHEREAS, **BYTEDANCE INC.** (hereinafter referred to as “ASSIGNOR”), having a place of business at *12655 West Jefferson Boulevard, Sixth Floor, Suite No. 137, Los Angeles, California 90066, United States*, is the owner of the entire right, title and interest in and to the Patent Application listed in Attachment 1 (the “Patent Rights”) and the invention claimed therein (the “Invention”); and

WHEREAS, **LEMON INC.** (hereinafter referred to as “ASSIGNEE”), having a place of business at P.O. Box 31119 Grand Pavilion, Hibiscus Way, 802 West Bay Road, Grand Cayman, KY1-1205 Cayman Islands, is desirous of acquiring the full and exclusive right in and to said Invention and all documents and things relating to the conception, reduction to practice and/or practice of the Invention (the “Related Documents”) and the entire right, title and interest in and to said Patent Rights, including any Letters Patent which may be granted therefor, in the United States and its territorial possessions and in any and all foreign countries to be obtained therefor on said application or any and all divisions, continuations, continuations-in-part, substitutions, renewals, re-examination, extension and reissues thereof, and any other application claiming priority thereto, including future inventions or improvements;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby agrees to sell, assign, and transfer and does hereby sell, assign, and transfer unto said ASSIGNEE the full and exclusive right in and to said Invention, Patent Rights, and Related Documents in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part, substitutions, renewals, re-examination, extension and reissues thereof, and any other application claiming priority thereto, including future inventions or improvements;

ASSIGNOR hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE’s successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

**ASSIGNOR:**

Date: 2021.5.28

**Bytedance Inc.**

Qi Li

[NAME] Qi Li

[TITLE] Authorized Legal Counsel

**ASSIGNEE:**

Date: 2021.5.28

**LEMON INC.**

Qi Li

[NAME] Qi Li

[TITLE] Authorized Legal Counsel

**Attachment 1— Patent Rights**

<b>No.</b>	<b>Bytedance Ref.</b>	<b>Attorney Docket No.</b>	<b>Application No./Patent No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Inventor(s)</b>
1	P2009734601US1	041729.00015	US 17/161,335	January 28, 2021	CODING OF MOTION INFORMATION	Na Zhang; Kai Zhang; Li Zhang; Hongbin Liu; Yuwen HE; Yue Wang
2.	P2011777001US1	041729.00006	US 17/148,533	January 13, 2021	TECHNIQUES FOR DECODING OR CODING IMAGES BASED ON MULTIPLE INTRA-PREDICTION MODES	Yang Wang; Kai Zhane; Li Zhang; Yuwen He; Hongbin Liu
3.	P2012804801US1	041729.00007	US 17/148,356	January 13, 2021	TECHNIQUES FOR DECODING OR CODING IMAGES BASED ON MULTIPLE INTRA-PREDICTION MODES	Yang Wang; Kai Zhang; Li Zhang; Yuwen He; Hongbin Liu
4.	P2012804901US1	041729.00008	US 17/148.383	January 13, 2021	USAGE OF TEMPLATES FOR DECODER-SIDE INTRA MODE DERIVATION	Yang Wang; Kai Zhane; Li Zhang; Yuwen He; Hongbin Liu
5.	P2012805001US1	041729.00009	US 17/148,538	January 13, 2021	SIGNALING FOR DECODER-SIDE INTRA MODE DERIVATION	Yang Wang; Kai Zhane; Li Zhang; Yuwen He; Hongbin Liu
6.	P2011781101US1	041729.00010	US 17/157,698	January 25, 2021	METHODS AND APPARATUSES FOR CROSS-COMPONENT PREDICTION	Zhipin Deng; Kai Zhang; Li Zhang
7.	P2011781102US1	041729.00013	US 17/157.706	January 25, 2021	METHODS AND APPARATUSES FOR CROSS-COMPONENT PREDICTION	Zhipin Deng; Kai Zhang; Li Zhang
8.	P2009735101US1	041729.00014	US 17/157,694	January 25, 2021	IMAGE/VIDEO PROCESSING	Wenbin Yin; Haibin Yin; Li Zhang; Huade Shi

No.	Bytedance Ref.	Attorney Docket No.	Application No./Patent No.	Filing Date	Title	Inventor(s)
9	P2010745301US1	041729.00002	US 17/187,667	February 26, 2021	METHODS OF CODING IMAGES/VIDEOS WITH ALPHA CHANNELS	Weijia Zhu; Jizheng Xu; Li Zhang; Yue Wang
10.	P2010745302US1	041729.00011	US 17/187,670	February 26, 2021	METHODS OF CODING IMAGES/VIDEOS WITH ALPHA CHANNELS	Weijia Zhu; Jizheng Xu; Li Zhang; Yue Wang
11.	P2010745303US1	041729.00012	US 17/187,674	February 26, 2021	CODING IMAGES/VIDEOS WITH ALPHA CHANNELS	Weijia Zhu; Jizheng Xu; Li Zhang; Yue Wang
12.	P200560300IUS1	041729.00005	US 17/198,194	March 10, 2021	RESOURCE CONSTRAINED VIDEO ENCODING	Jizhene Xu; Li Zhang; Weijia Zhu
13.	P210182410I US1	041729.00016	US 17/200,628	March 12, 2021	MOTION CANDIDATE DERIVATION	Na Zhang; Kai Zhang; Hongbin Liu; Li Zhang; Yue Wane
14.	P2101824102US1	041729.00018	US 17/200,631	March 12, 2021	MOTION CANDIDATE DERIVATION	Na ZHANG; Kai ZHANG; Hongbin LIU; Li ZHANG; Yue WANG
15.	P2101824103US1	041729.00019	US 17/200,632	March 12, 2021	MOTION CANDIDATE DERIVATION	Na ZHANG; Kai ZHANG; Hongbin LIU; Li ZHANG; Yue WANG
16.	P2010758401H	041729.00003	US 63/110,791	November 6, 2020	VISUAL QUALITY ORIENTED ENCODING OPTIMIZATION	Jizheng XU; Li Zhang