

PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	PCT/CN2019/122820
0-2	International Filing Date	03 December 2019 (03.12.2019)
0-3	Name of receiving Office and "PCT International Application"	RO/CN
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	CEPCT Version 10.22.35 MT/FOP 20140331/0.20.5.21
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	State Intellectual Property Office of the People's Republic of China (RO/CN)
0-7	Applicant's or agent's file reference	C19W5374
I	Title of Invention	PRUNING METHOD IN DIFFERENT PREDICTION MODE
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States
II-4	Name	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.
II-5	Address	Room B-0035, 2/F, No.3 Building No.30, Shixing Road, Shijingshan District Beijing 100041 China
II-6	State of nationality	CN
II-7	State of residence	CN
II-8	Telephone No.	
II-9	Facsimile No.	
II-11	Applicant's registration No. with the Office	

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III-1	Applicant and/or inventor	
III-1-1	This person is	Applicant only
III-1-2	Applicant for	All designated States
III-1-4	Name	BYTEDANCE INC.
III-1-5	Address	12655 West Jefferson Boulevard Sixth Floor, Suite No. 137 Los Angeles, California 90066 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US
III-1-11	Applicant's registration No. with the Office	
III-2	Applicant and/or inventor	
III-2-1	This person is	Inventor only
III-2-3	Inventor for	
III-2-4	Name (LAST, First)	ZHANG, Li
III-2-5	Address	12655 West Jefferson Boulevard Sixth Floor, Suite No. 137 Los Angeles, California 90066 United States of America
III-3	Applicant and/or inventor	
III-3-1	This person is	Inventor only
III-3-3	Inventor for	
III-3-4	Name (LAST, First)	ZHANG, Kai
III-3-5	Address	12655 West Jefferson Boulevard Sixth Floor, Suite No. 137 Los Angeles, California 90066 United States of America
III-4	Applicant and/or inventor	
III-4-1	This person is	Inventor only
III-4-3	Inventor for	
III-4-4	Name (LAST, First)	LIU, Hongbin
III-4-5	Address	Jinritoutiao Post Office, China Satellite Communi- cations Tower, No.63, Zhichun Road, Haidian District Beijing 100080 China

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III-5 III-5-1 III-5-3 III-5-4 III-5-5	Applicant and/or inventor This person is Inventor for Name (LAST, First) Address	Inventor only XU, Jizheng 12655 West Jefferson Boulevard Sixth Floor, Suite No. 137 Los Angeles, California 90066 United States of America
III-6 III-6-1 III-6-3 III-6-4 III-6-5	Applicant and/or inventor This person is Inventor for Name (LAST, First) Address	Inventor only WANG, Yue Jinritoutiao Post Office, China Satellite Communi- cations Tower, No.63, Zhichun Road, Haidian District Beijing 100080 China
IV-1 IV-1-1 IV-1-2 IV-1-3 IV-1-4 IV-1-5 IV-1-5(a) IV-1-6	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name Address Telephone No. Facsimile No. e-mail E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application: Agent's registration No.	Agent LIU, SHEN & ASSOCIATES 10th Floor, Building 1, 10 Caihefang Road, Haidian District Beijing 100080 China 86-10-62681616 86-10-62681818 pct01@liu-shen.com as advance copies followed by paper notifications 11105

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V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
V-2	Item V-2 may only be used to exclude (irrevocably) the designations concerned if, at the time of filing or subsequently under Rule 26bis.1, the international application contains in Box No. VI a priority claim to an earlier national application filed in the particular State concerned, in order to avoid the ceasing of the effect, under the national law, of this earlier national application.	
VI-1	Priority claim of earlier international application	
VI-1-1	Filing date	03 December 2018 (03.12.2018)
VI-1-2	Number	PCT/CN2018/118896
VI-1-3	PCT receiving Office	CN
VI-2	Priority document request The International Bureau is requested to obtain from a digital library a certified copy of the earlier application(s) identified above as item(s), using, where applicable, the access code(s) indicated:	VI-1 Access code: 9842
VI-3	Incorporation by reference : where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.	
VII-1	International Searching Authority Chosen	State Intellectual Property Office of the People's Republic of China (ISA/CN)

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VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	1	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

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VIII-4-1	<p>Declaration: Inventorship (only for the purposes of the designation of the United States of America) Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:</p>	<p>I hereby declare that I believe I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>This declaration is directed to the international application of which it forms a part.</p> <p>I hereby declare that the above-identified international application was made or authorized to be made by me.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>
VIII-4-1-1-1	Name (LAST, First)	ZHANG, Li
VIII-4-1-1-2	Residence: (city and either US state, if applicable, or country)	Los Angeles, United States of America
VIII-4-1-1-3	Mailing Address:	12655 West Jefferson Boulevard , Sixth Floor, Suite No. 137 , Los Angeles , CA California , 90066 , United States of America
VIII-4-1-1-4	Inventor's Signature: (The signature must be that of the inventor, not that of the agent)	/ZHANG Li/
VIII-4-1-1-5	Date:	03 December 2019 (03.12.2019)
VIII-4-1-2-1	Name (LAST, First)	ZHANG, Kai
VIII-4-1-2-2	Residence: (city and either US state, if applicable, or country)	Los Angeles, United States of America
VIII-4-1-2-3	Mailing Address:	12655 West Jefferson Boulevard , Sixth Floor, Suite No. 137 , Los Angeles , California , 90066 , United States of America
VIII-4-1-2-4	Inventor's Signature: (The signature must be that of the inventor, not that of the agent)	/ZHANG Kai/
VIII-4-1-2-5	Date:	03 December 2019 (03.12.2019)

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VIII-4-1-3-1	Name (LAST, First)	LIU, Hongbin
VIII-4-1-3-2	Residence: (city and either US state, if applicable, or country)	Beijing, China
VIII-4-1-3-3	Mailing Address:	, Jinritoutiao Post Office, China Satellite Communications Tower, No.63, Zhichun Road, Haidian District , , Beijing , 100080 , China
VIII-4-1-3-4	Inventor's Signature: (The signature must be that of the inventor, not that of the agent)	/LIU Hongbin/
VIII-4-1-3-5	Date:	03 December 2019 (03.12.2019)
VIII-4-1-4-1	Name (LAST, First)	XU, Jizheng
VIII-4-1-4-2	Residence: (city and either US state, if applicable, or country)	Los Angeles, United States of America
VIII-4-1-4-3	Mailing Address:	12655 West Jefferson Boulevard , Sixth Floor, Suite No. 137 , Los Angeles , CA California , 90066 , United States of America
VIII-4-1-4-4	Inventor's Signature: (The signature must be that of the inventor, not that of the agent)	/XU Jizheng/
VIII-4-1-4-5	Date:	03 December 2019 (03.12.2019)
VIII-4-1-5-1	Name (LAST, First)	WANG, Yue
VIII-4-1-5-2	Residence: (city and either US state, if applicable, or country)	Beijing, China
VIII-4-1-5-3	Mailing Address:	, Jinritoutiao Post Office, China Satellite Communications Tower, No.63, Zhichun Road, Haidian District , , Beijing , 100080 , China
VIII-4-1-5-4	Inventor's Signature: (The signature must be that of the inventor, not that of the agent)	/WANG Yue/
VIII-4-1-5-5	Date:	03 December 2019 (03.12.2019)

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IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	8	✓
IX-2	Description	60	✓
IX-3	Claims	3	✓
IX-4	Abstract	1	✓
IX-5	Drawings	33	✓
IX-7	TOTAL	105	
Accompanying Items		Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	-	✓
IX-11	Copy of general power of attorney	-	✓
IX-18	PCT-SAFE physical media	-	-
IX-19	Other	other	✓
IX-20	Figure of the drawings which should accompany the abstract	33	
IX-21	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	/LIU, SHEN & ASSOCIATES/	
X-1-1	Name	LIU, SHEN & ASSOCIATES	
X-1-2	Name of signatory	LIU, SHEN & ASSOCIATES	
X-1-3	Capacity (if such capacity is not obvious from reading the request)	Agent	

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10-1	Date of actual receipt of the purported international application	03 December 2019 (03.12.2019)
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/CN
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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