

PCT REQUESTOriginal (for **SUBMISSION**)

0	For receiving Office use only	
0-1	International Application No.	PCT/US17/58229
0-2	International Filing Date	25 OCT 2017 (25.10.17)
0-3	Name of receiving Office and "PCT International Application"	PCTINTERNATIONAL RO/USAPPLICATION
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EFS-Web mode] Version 3.51.079.255 MT/FOP 20171001/0.20.5.24
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)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	GGL-1331-PCT
I	Title of Invention	NATURAL LANGUAGE PROCESSING WITH AN N-GRAM MACHINE
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States
II-4	Name	GOOGLE LLC
II-5	Address	1600 Amphitheatre Parkway Mountain View, California 94043 United States of America
II-6	State of nationality	US
II-7	State of residence	US
III-1	Applicant and/or inventor	
III-1-1	This person is	Inventor only
III-1-3	Inventor for	All designated States
III-1-4	Name (LAST, First)	LAO, Ni
III-1-5	Address	1600 Amphitheatre Parkway Mountain View, California 94043 United States of America
III-2	Applicant and/or inventor	
III-2-1	This person is	Inventor only
III-2-3	Inventor for	All designated States
III-2-4	Name (LAST, First)	NIE, Jiazhong
III-2-5	Address	1600 Amphitheatre Parkway Mountain View, California 94043 United States of America

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III-3	Applicant and/or inventor	
III-3-1	This person is	Inventor only
III-3-3	Inventor for	All designated States
III-3-4	Name (LAST, First)	YANG, Fan
III-3-5	Address	1600 Amphitheatre Parkway Mountain View, California 94043 United States of America
IV-1	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:	Agent
IV-1-1	Name (LAST, First)	WAITE, Sterling R.
IV-1-2	Address	DORITY & MANNING, P.A. P O BOX 1449 GREENVILLE, South Carolina 29602-1449 United States of America
IV-1-3	Telephone No.	864-271-1592
IV-1-4	Facsimile No.	864-233-7342
IV-1-5	e-mail	docketing@dority-manning.com
IV-1-6	Agent's registration No.	74875
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	BATAVIA, Neil, M. (54599)
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.	
VI-1	Priority Claim	NONE
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)

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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)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	
IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	4	✓
IX-2	Description	38	—
IX-3	Claims	7	—
IX-4	Abstract	1	✓
IX-5	Drawings	9	—
IX-7	TOTAL	59	
	Accompanying Items	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	—
IX-19	Other	PCT Transmittal Letter	
IX-19	Other	Certificate of Electronic Filing	
IX-20	Figure of the drawings which should accompany the abstract	2	
IX-21	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	/sterling r. waite 74875/	
X-1-1	Name (LAST, First)	WAITE, Sterling R.	
X-1-3	Capacity (if such capacity is not obvious from reading the request)		

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10-1	Date of actual receipt of the purported international application	25 OCT 2017 (25.10.17)
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/EP
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

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