505795737 11/27/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5842566

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HONGYANG LI	06/22/2017

RECEIVING PARTY DATA

Name:	NOKIA TECHNOLOGIES OY
Street Address:	KARAKAARI 7
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02610

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16617848		

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 408-412-2076

Email: thao.pham@nokia.com

Correspondent Name: NOKIA OF AMERICA CORPORATION

Address Line 1: 200 SOUTH MATHILDA AVE

Address Line 4: SUNNYVALE, CALIFORNIA 94086

ATTORNEY DOCKET NUMBER:	NC102510-US-PCT		
NAME OF SUBMITTER:	THAO PHAM		
SIGNATURE:	/Thao Pham/		
DATE SIGNED:	11/27/2019		

Total Attachments: 2

source=NC102510_Assignment#page1.tif source=NC102510_Assignment#page2.tif

PATENT 505795737 REEL: 051130 FRAME: 0846

ASSIGNMENT

I/we, (The ASSIGNOR(S)	3)	S	R	Ю	Ν	G	SS	۶	he	(T	I/we,
------------------------	----	---	---	---	---	---	----	---	----	----	-------

Hongyang Li

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby assign to (hereafter referred to as The ASSIGNEE):

Nokia Technologies OY Karaportti 3 02610 Espoo Finland

An invention entitled (invention Title):

ARTIFICIAL NEURAL NETWORK

The PATENT	RIGHTS referred to in this agreement are: a national Patent Application No. European Patent Application No. PCT application No. <u>PCT/CN2017/086972</u>	filed on filed on filed on <u>June 02, 2017</u> .			
for this invention	on, executed by the ASSIGNOR(S) U.S. Patent Application Serial No. U.S. Patent No, is	sued, filed			
The PATENT RIGHTS assigned under this agreement are: X U.S. Patent rights X worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filling date of any Patent Application identified above. X the full and exclusive right to the invention;					

The ASSIGNOR(S) do hereby assign the following to each ASSIGNEE; their successors and assigns:

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and

the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain and enforced proper protection for said invention.

Further, I/We authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

Each Inventor: Please sign and date below:

PATENT REEL: 051130 FRAME: 0847 NC102510

Witness Signature Vanwei a

PATENT REEL: 051130 FRAME: 0848

RECORDED: 11/27/2019