

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NICOLAS WEBER	02/21/2018
FELIPE HUICI	02/12/2018
MATHIAS NIEPERT	02/12/2018
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15889275
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DATE SIGNED:	02/21/2018
Total Attachments: 2	
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source=816220_executed_Assignment#page2.tif	

ASSIGNMENT

I, Nicolas Weber, residing at Am Kronenburger Hof 2; 69221 Dossenheim;
GERMANY; and

I, Felipe Huici, residing at Silbershohl 3 A; 69221 Dossenheim; GERMANY; and

I, Mathias Niepert, residing at Zwingerstrasse 6; 69117 Heidelberg; GERMANY;

and each of us, if more than one person is identified above, have invented and own a whole or
partial right, title and interest in a certain invention entitled:

ACCELERATION OF NEURAL NETWORKS USING DEPTH-FIRST PROCESSING

described in the patent application bearing the above Attorney Docket No. and title and

WHEREAS,

NEC Laboratories Europe GmbH

having an address at Kurfuersten-Anlage 36; 69115 Heidelberg; GERMANY,

hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign
right, title, and interest in and under the invention described in the above patent application.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of
which are hereby acknowledged, I/we assign and transfer to the Assignee and the Assignee's
legal representatives, successors and assigns my/our full and exclusive rights in and to the
invention in the U.S. and every foreign country and my/our entire right, title, and interest in
and to the patent application and other such applications (e.g., provisional applications, non-
provisional applications, continuations, continuations-in-part, divisionals, reissues,
reexaminations, National phase applications, including petty patent applications, and utility
model applications) that may be filed in the United States and every foreign country on the
invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that
may issue thereon, and I/we do hereby authorize and request the Commissioner of Patents to
issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment
document.

UPON SAID CONSIDERATION, I/we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

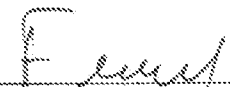
I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date 21.2.2018



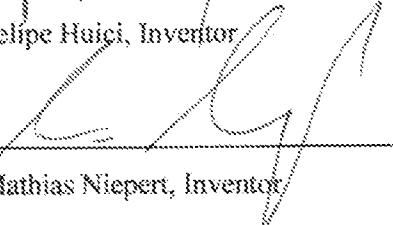
Nicolas Weber, Inventor

Date 12.2.2018



Felipe Huici, Inventor

Date 12.7.2018



Mathias Niepert, Inventor