

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ANALOG DEVICES, INC. | 12/04/2019 |
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| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16125621 |
| CORRESPONDENCE DATA | |
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PATENT

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|---|---------------------------|
| ATTORNEY DOCKET NUMBER: | 26256.0601-NP ADI-INVENTO |
| NAME OF SUBMITTER: | ANNIKA K. KARLSSON |
| SIGNATURE: | /Annika K. Karlsson/ |
| DATE SIGNED: | 01/23/2020 |
| Total Attachments: 2 source=APD6293US02-FILED-2020-01-23-ADI-to-INVENTORS-Assignment#page1.tif source=APD6293US02-FILED-2020-01-23-ADI-to-INVENTORS-Assignment#page2.tif | |

ASSIGNMENT

WHEREAS, the named entity **ANALOG DEVICES, INC.**, a Massachusetts Corporation, with an address of One Technology Way, Norwood, MA 02062, having a current assignment (recorded at Reel No. 046820 / Frame No. 0539) to an invention of certain new and useful improvements as described in an application for United States Letters Patent entitled **"ANALOG SWITCHED-CAPACITOR NEURAL NETWORK,"** (hereinafter referred to as "Application") and having internal reference number of 26256.0601-NP (APD6293-2), and having Application Serial No. 16/125,621 and Filing Date: September 7, 2018;

WHEREAS, **Eric G. NESTLER; Naveen VERMA; Hossein VALAVI**, (hereinafter referred to as "Assignees"), desire to acquire the entire right, title and interest in and to any and all inventions and improvements that are disclosed in the Application (hereinafter referred to as "Invention"), including any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we hereby assign and transfer, and hereby agree to assign and transfer, to Assignees, all right, title and interest in and to the Invention and in and to the Application and all patents which may be granted therefrom, and all related applications (e.g., provisional applications, divisional applications, reissues, reexaminations, continuation applications, continuation-in-part applications, extensions thereof, design applications, applications in foreign countries, international applications, national phase applications, and the like). We hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents, for the Invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

We also hereby assign and transfer, and hereby agree to assign and transfer to Assignees, all right, title and interest to the Invention, the Application or any related application throughout the world, including all rights of priority resulting from the filing of the Application or any related application, including but not limited to: the right to file applications and obtain patents, utility models, industrial models and designs for the Invention in Assignees' own name throughout the world, the right to claim priority from the Application or any related application when filing applications and obtaining patents, utility models, industrial models and designs for the Invention throughout the world, and all rights to publish cautionary notices reserving ownership of the Invention and all rights to register the Invention in appropriate registries. We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in and to Assignee.

We will communicate to Assignees any facts known to me respecting any improvements to the Invention; and we will sign all lawful papers, execute all rightful assignments, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything

ATTORNEY DOCKET NO.
26256.0601-NP (APD6293-2)

ASSIGNMENT

possible to vest title in and to Assignees and to aid Assignees to obtain and enforce proper protection for the Invention in all countries and jurisdictions throughout the world. We irrevocably appoint Analog Devices, Inc. as my attorney-in-fact to execute on my behalf any documents deemed necessary by Analog Devices, Inc. to obtain and enforce proper protection for the Invention in all countries and jurisdictions throughout the world. We agree to testify and cooperate with Assignee in any judicial proceeding, administrative proceeding, post-grant proceeding, or other proceeding concerning the Invention (including litigation with a third party over any patent issued on the Invention), and Assignee agrees to cover my reasonable costs and expenses (if any).

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

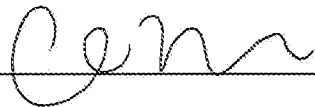
Title of Invention:

ANALOG SWITCHED-CAPACITOR NEURAL
NETWORK

Full name of Entity:

ANALOG DEVICES, INC.

Authorized Signature:



Date:

12/4/2019