

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3446163

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KARTIK AUDHKHASI	07/20/2015
BART KOSKO	07/20/2015
OSONDE OSOBA	07/20/2015
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF SOUTHERN CALIFORNIA
Street Address:	USC STEVENS CENTER FOR INNOVATION
Internal Address:	1150 SOUTH OLIVE STREET, SUITE 2300
City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90015
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14803797
CORRESPONDENCE DATA	
Fax Number:	(310)277-4730
<i>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.</i>	
Phone:	(310) 788-1569
Email:	uspto33401@mwe.com
Correspondent Name:	MARC E. BROWN
Address Line 1:	MCDERMOTT WILL & EMERY LLP
Address Line 2:	2049 CENTURY PARK EAST, SUITE 3800
Address Line 4:	LOS ANGELES, CALIFORNIA 90067
ATTORNEY DOCKET NUMBER:	094852-0109
NAME OF SUBMITTER:	MARC E. BROWN
SIGNATURE:	/Marc E. Brown/
DATE SIGNED:	07/20/2015
Total Attachments: 4	
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ASSIGNMENT
(Joint Inventors)

WHEREAS, we, Kartik Audhkhasi, Bart Kosko, and Osonde Osoba ("ASSIGNORS") have invented "NOISE-BOOSTED CONVOLUTIONAL NEURAL NETWORKS" ("Invention") for which a application for patent ("Application") is being filed herewith in the United States; and which claims priority to and incorporates by reference U.S. Provisional Application No. 62/026,359, filed July 18, 2014;

WHEREAS, we are the joint inventors of the Invention;

WHEREAS, the University of Southern California, (ASSIGNEE) is a corporation organized and existing under the laws of California having a place of business at USC Stevens Center for Innovation, 1150 South Olive Street, Suite 2300, Los Angeles, California 90015;

WHEREAS, ASSIGNEE desires to acquire the entire right, title and interest in and to the Invention and Application and to all patents based on the Application;

NOW, THEREFORE, for valuable consideration, the receipt and legal sufficiency of which ASSIGNORS acknowledge, ASSIGNORS have and hereby do assign and transfer to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to:

1. The Invention;
2. The Application;
3. All applications based on or claiming priority from the Application, including all U.S. utility patent applications, divisionals and continuations ("Application Family");
4. All patents which may be granted on the Invention, Application and Application Family by the United States of America, its territories and possessions, and by all foreign countries, including all priority rights and all reissues thereof ("Patents"); and
5. The right to sue for past infringement of the Invention, Application, Application Family and Patents.

ASSIGNORS agree, at the request of ASSIGNEE, to sign any and all papers reasonably needed to file and prosecute the Application and Application Family, to obtain the Patents, and to perfect and vest in ASSIGNEE the entire right, title and interest in the Invention, Application, Application Family and Patents. ASSIGNORS also agree to provide assistance that is reasonably needed to prepare and prosecute the Application and Application Family.

ASSIGNORS authorize and empower ASSIGNEE, its successors and assigns, to apply for and obtain, in its own name, the Application, Application Family and Patents before competent International Authorities, including the World Intellectual Property Organization and

in any and all foreign countries in which applications for patents can be made or patents obtained.

Dated: 20 JULY, 2015

Audhkhasi

Name: KARTIK AUDHKHASI
Address: 68 Lake Street, Apt. 105
White Plains, New York 10603

I certify that I am over the age of 18 and that the individual named above signed this document in my presence.

ABHINAV SETHY
(Print) Name

Abhinav
Signature of Witness

20/7/15
Date

310 North Greeley Av
Chappaqua
NY -10514
Witness Address (Print or Type)

Dated: _____, 2015

Name: BART KOSKO
Address: Department of Electrical Engineering
Systems Signal and Image Processing Institute
Viterbi School of Engineering
University of Southern California
Los Angeles, California 90089-2564

I certify that I am over the age of 18 and that the individual named above signed this document in my presence.

(Print) Name

Signature of Witness

Date

Witness Address (Print or Type)

in any and all foreign countries in which applications for patents can be made or patents obtained.

Dated: _____, 2015

Name: KARTIK AUDHKHASI
Address: 68 Lake Street, Apt. 105
White Plains, New York 10603

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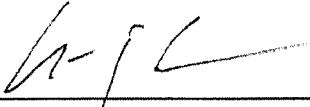
(Print) Name

Signature of Witness

Date

Witness Address (Print or Type)

Dated: July 20, 2015



Name: BART KOSKO
Address: Department of Electrical Engineering
Systems Signal and Image Processing Institute
Viterbi School of Engineering
University of Southern California
Los Angeles, California 90089-2564

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(Print) Name

Signature of Witness

Date

Witness Address (Print or Type)

Dated: 20 - July, 2015

Osunde A. Osoba
Name: OSONDE OSOBA
Address: Electrical Engineering Department
3740 Mc Clintock Avenue, EEB 400
University of Southern California
Los Angeles, California 90089

I certify that I am over the age of 18 and that the individual named above signed this document in my presence.

Cathy M. Zebrun
(Print) Name

[Signature]
Signature of Witness

7/20/15
Date

1776 Main Street
Santa Monica, CA 90407

Witness Address (Print or Type)