PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3913196

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAFWAN WSHAH	06/08/2016
BEILEI XU	06/10/2016
ORHAN BULAN	06/10/2016
JAYANT KUMAR	06/10/2016
PETER PAUL	06/10/2016

RECEIVING PARTY DATA

Name:	XEROX CORPORATION
Street Address:	45 GLOVER AVENUE
Internal Address:	P.O. BOX 4505
City:	NORWALK
State/Country:	CONNECTICUT
Postal Code:	06856-4505

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15179403

CORRESPONDENCE DATA

Fax Number:	(216)363-9001

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:	(216) 363-9000
Email:	docketing@faysharpe.com
Correspondent Name:	PATRICK R. ROCHE
Address Line 1:	FAY SHARPE LLP
Address Line 2:	1228 EUCLID AVENUE, 5TH FLOOR
Address Line 4:	CLEVELAND, OHIO 44115

ATTORNEY DOCKET NUMBER:	20151361US02-XER3306US01
NAME OF SUBMITTER:	PATRICK R. ROCHE
SIGNATURE:	/Patrick R. Roche/
DATE SIGNED:	06/10/2016

Total Attachments: 5
source=DOC151#page1.tif
source=DOC151#page2.tif
source=DOC151#page3.tif
source=DOC151#page4.tif
source=DOC151#page5.tif

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled <u>MULTI-LAYER FUSION IN A CONVOLUTIONAL NEURAL NETWORK FOR IMAGE CLASSIFICATION</u> (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

    ☒ is being executed concurrently herewith,
    ☐ was first executed on
    ☐ was filed on   as Application Number   .
    ☐ claims the benefit of U.S. Provisional Application(s) No(s).   filed   .

Xerox Corporation, a New York Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("Xerox"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to Xerox the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

(1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to Xerox;
(2) agree that Xerox may apply for and receive all foreign Letters Patent thereon;
(3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by Xerox; and
(4) authorize Xerox to subsequently enter the Application Number on this Assignment, if not already entered above.

_____
Safwan Wshah

6-8-16
DATE

_____
Beilei Xu

DATE

_____
Orhan Bulan

DATE

_____
Jayant Kumar

DATE

_____
Peter Paul

DATE

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **MULTI-LAYER FUSION IN A CONVOLUTIONAL NEURAL NETWORK FOR IMAGE CLASSIFICATION** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

      ☒ is being executed concurrently herewith,
      ☐ was first executed on
      ☐ was filed on   as Application Number   .
      ☐ claims the benefit of U.S. Provisional Application(s) No(s).   filed   .

Xerox Corporation, a New York Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("Xerox"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to Xerox the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

(1)   request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to Xerox;
(2)   agree that Xerox may apply for and receive all foreign Letters Patent thereon;
(3)   agree to execute all papers and take all actions necessary or desirable in connection therewith requested by Xerox; and
(4)   authorize Xerox to subsequently enter the Application Number on this Assignment, if not already entered above.

Safwan Wshah	DATE
Beilei Xu	DATE 6/10/2016
Orhan Bulan	DATE
Jayant Kumar	DATE
Peter Paul	DATE

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **MULTI-LAYER FUSION IN A CONVOLUTIONAL NEURAL NETWORK FOR IMAGE CLASSIFICATION** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

☒ is being executed concurrently herewith,
☐ was first executed on
☐ was filed on   as Application Number   .
☐ claims the benefit of U.S. Provisional Application(s) No(s).   filed   .

Xerox Corporation, a New York Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("Xerox"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to Xerox the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

(1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to Xerox;
(2) agree that Xerox may apply for and receive all foreign Letters Patent thereon;
(3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by Xerox; and
(4) authorize Xerox to subsequently enter the Application Number on this Assignment, if not already entered above.

Safwan Wshah   DATE

Beilei Xu   DATE

Orhan Bulan   DATE   06/10/2016

Jayant Kumar   DATE

Peter Paul   DATE

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **MULTI-LAYER FUSION IN A CONVOLUTIONAL NEURAL NETWORK FOR IMAGE CLASSIFICATION** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

      ☒ is being executed concurrently herewith;
      ☐ was first executed on
      ☐ was filed on   as Application Number   .
      ☐ claims the benefit of U.S. Provisional Application(s) No(s).   filed

Xerox Corporation, a New York Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("Xerox"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to Xerox the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

(1)   request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to Xerox;
(2)   agree that Xerox may apply for and receive all foreign Letters Patent thereon;
(3)   agree to execute all papers and take all actions necessary or desirable in connection therewith requested by Xerox; and
(4)   authorize Xerox to subsequently enter the Application Number on this Assignment, if not already entered above.

Safwan Wshah   DATE

Beilei Xu   DATE

Orhan Bulan   DATE

Jayant Kumar   DATE   6/10/2016

Peter Paul   DATE

<u>ASSIGNMENT</u>

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **MULTI-LAYER FUSION IN A CONVOLUTIONAL NEURAL NETWORK FOR IMAGE CLASSIFICATION** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

        ☒ is being executed concurrently herewith,
        ☐ was first executed on
        ☐ was filed on   as Application Number   .
        ☐ claims the benefit of U.S. Provisional Application(s) No(s).   filed   .

Xerox Corporation, a New York Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("Xerox"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to Xerox the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

(1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to Xerox;
(2) agree that Xerox may apply for and receive all foreign Letters Patent thereon;
(3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by Xerox; and
(4) authorize Xerox to subsequently enter the Application Number on this Assignment, if not already entered above.

Safwan Wshah   DATE

Beilei Xu   DATE

Orhan Bulan   DATE

Jayant Kumar   DATE

Peter Paul   DATE   6/10/16